

Cancer Research

**Cell Biology, Proteomics,
Histology, Molecular Biology,
Small Molecules, Lab Supplies
& Antibodies**

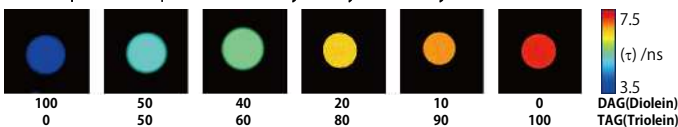


For more details: <https://diagnocine.com/Product/AACR2026CancerReaesrch/192329>

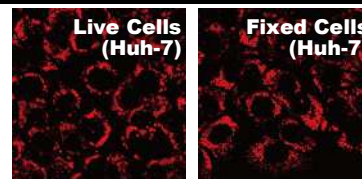
LipiDye® RED, LD Specific Dye for Long Term Imaging (FNK-FDV-0057)

New Product!!

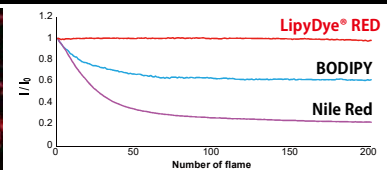
- Selective staining of lipid droplets (LD) with high S/N ratio
- Detects **small** lipid droplets ($\leq 1 \mu\text{m}$) in **non-adipocyte** cells
- Highly photostable for **long-term live-cell imaging**
- Low cytotoxicity ($0.1\text{--}5 \mu\text{M}$)
- Compatible with **live/fixed cells** & **STED** microscopy
- Ex/Em: $470\text{--}560 \text{ nm}$ / $550\text{--}700 \text{ nm}$
- **FLIM**(Fluorescent Lifetime Imaging Microscopy)-compatible for lipid composition & hydrolysis analysis



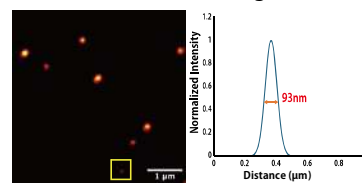
Pseudocolor in FLIM Image with Lipid Compositions



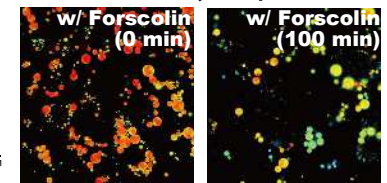
Fluorescent Images



Photostability Comparison



STED Image for Small LD

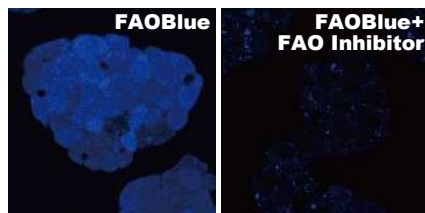


FLIM Images of 3T3 derived Adipocytes

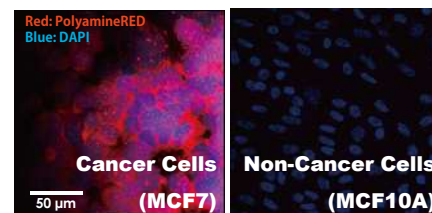
FAOBlue™ (FNK-FDV-0033)

PolyamineRED™ (FNK-FDV-0020)

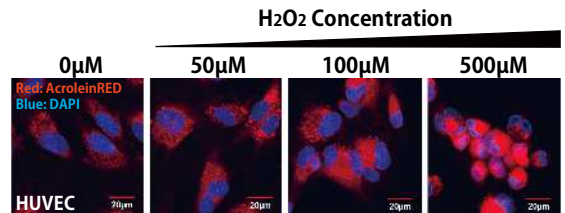
AcroleinRED™ (FNK-FDV-0022)



Fatty Acid β -Oxidation
Detection Dye in **Live Cells**



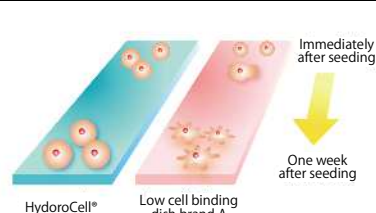
Novel Polyamine specific detection dye
in live cells as a potential cancer marker



ONE & ONLY SIMPLE Method for Acrolein detection
in live cell w/o cell disruption / antibodies

HydroCell® Flask, Low Cell Binding Cultureware (FNK-CSF025: T25/FNK-CSF075: T75)

Sample Available!!



Super hydrophilic polymer is immobilized to the surface of the cultureware at nano-thickness.

- **Lowest attachment** rate among similar competitive brands.
- For formation of **embryoid bodies** of ES cells in culture
- For formation of anchorage-independent colonies
- For differentiation such as cartilage (**spheroid formation**)
- For culture & storage of **macrophage/immune cells**
- For **screening of anti-cancer drugs** (replacement for soft agar assays)

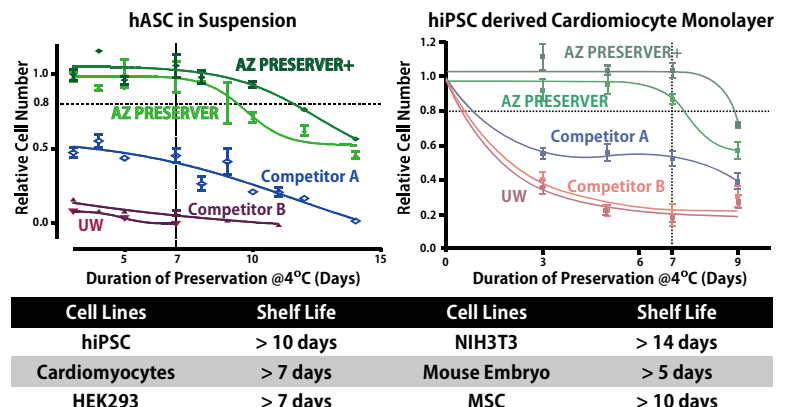
AZ PRESERVER™, Novel Hypothermic Storage/Transportation Solution (FNK-AZP-A1)

New Product!!

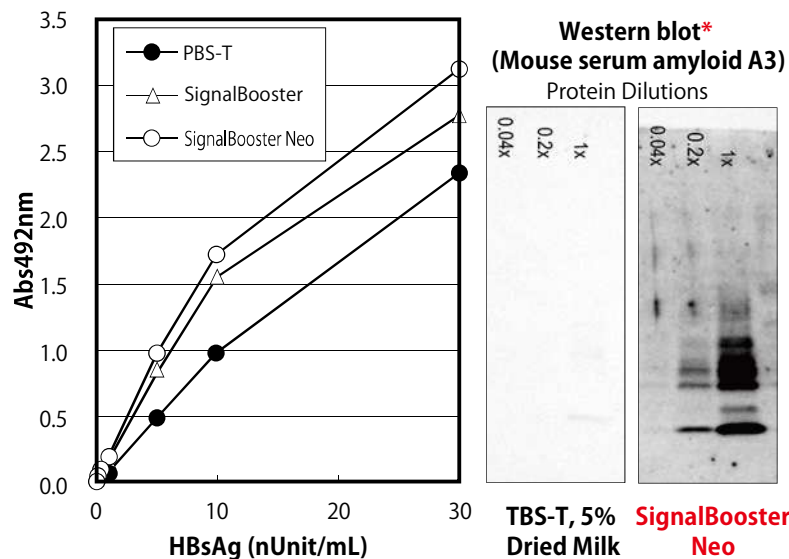
- Minimizes cellular stress during refrigerated storage and enables **superior preservation performance**.
- Simply replace the culture medium of mammalian cells or organoids with AZ PRESERVER—**no complicated procedures required**.
- Sterility testing confirms that the product is free from bacterial and fungal contamination.

Ideal for:

- Short-term storage and transportation of cells or organoids that are **difficult to cryopreserve**
- **Direct transplantation** of organoids to animals



SignalBooster Neo - Signal Enhancer for Western Blot & ELISA

BULK Welcome!!


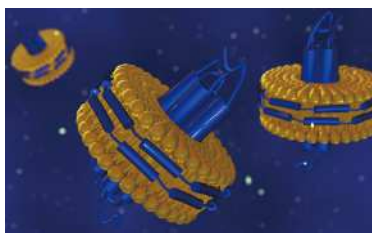
(FNK-BCL-SBN-01/FNK-BCL-SBN-02)

Need higher signals? Try Signal Booster Neo. Antigen-antibody reaction enhancing reagents for western blotting, ELISA, etc. By simply diluting antibodies with Signal Boosters, signals increase and background decrease.

- One solution system
- Protein-free. Chemically defined
- For **phospho protein** detection or for any ELISA: Protein-free composition contributes to no interference by proteins in the reagent.
- Useful for **saving antibody** and shortening reaction time.

NanoDisc BD kit - Membrane Protein Expression on NanoDisc

(FNK-CFS-CNDE-BD)



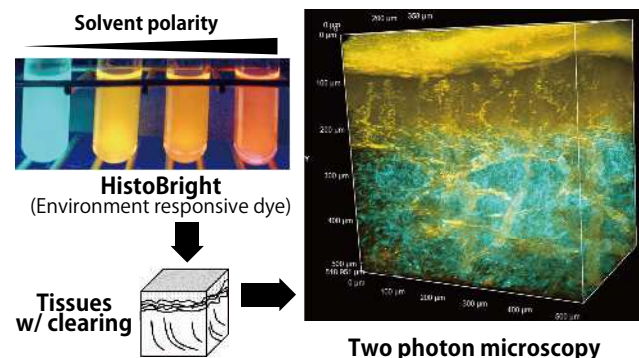
Nanodiscs are widely used for membrane protein expression and research. This kit leverages a **wheat cell-free synthesis system** with WEPRO7240ND, a wheat germ extract optimized for Nanodisc production.

It combines the BD (**Bi-Layer & Dialysis**) method with a novel (**patent-pending**) approach that co-expresses MSP (**membrane scaffold protein**) and the target membrane protein, enabling efficient Nanodisc formation.

* **US only.** For other region, please contact to us.

HistoBright - For Deep-Imaging and Spatial Structural Analysis of Tissue Blocks

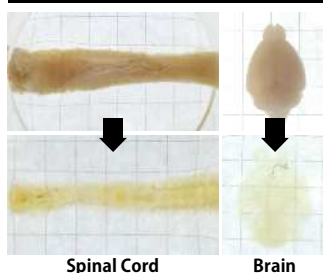
(FNK-FDV-0051)



Environment-responsive membrane-staining fluorescent dye. Combining tissue clearing techniques with two photon laser microscopy allows deep-imaging and spatial structural analysis of tissue blocks. The fluorescence characteristics change from **green** to **near-infrared** depending on the molecular polarity of the solvent (Solvatochromic Property).

Both **confocal microscopy** (recommended excitation laser: 488 nm laser) and **two photon microscopy** (recommended laser: 960 nm laser) are compatible.

CUBIC - Tissue Clearing Reagent Kits

New Product!!


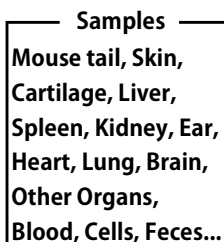
For more details & FAQs


CUBIC

CUBIC-HV™

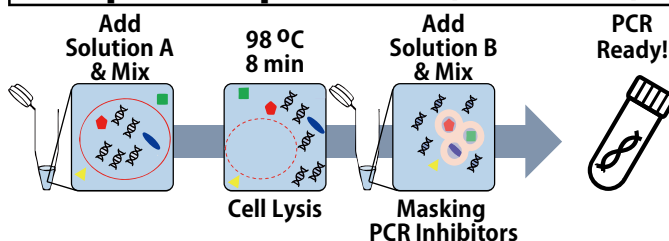
- Enable whole-organ **3D imaging with cellular resolution**
- Powerful **water-soluble** tissue clearing reagents
- Compatible with light-sheet and confocal microscopy
- **No specialized equipment required**
- Preserves fluorescent protein signals after clearing
- Applicable to multiple **organs**, including **bone tissue**
- Simple and reproducible protocol for reliable results
- Trusted CUBIC technology developed by **RIKEN & the University of Tokyo**

Basic Clearing	CUBIC-L (500ml)	Delipidation / decolorization	FNK-CSC001
	CUBIC-R+(N) (500ml)	Refractive index adjustment for tissue clearing	FNK-CSC002
	CUBIC-R+(M) (100ml)	Enhanced fluorescent protein preservation	FNK-CSC004
	CUBIC Tissue Clearing Kit	Trial Set of CUBIC-L & CUBIC-R+(N), 250ml ea.	FNK-CSC006
Bone Clearing	CUBIC-B (100ml)	Optimized decalcification for bone tissues	FNK-CSC003
Organoid / Embryo	CUBIC Tissue Clearing Kit for Organoid, Spheroid & Embryo	Optimized clearing kit for small samples for 48 organoids	FNK-CSC015
	CUBIC Trial Kit for Organoid, Spheroid & Embryo	Smaller trial version for 24 organoids	FNK-CSC016
Imaging Support	Mounting Solution (RI 1.522) (100ml/500ml)	Imaging medium for CUBIC-cleared samples	FNK-CSC011 FNK-CSC012
3D Tissue Staining	CUBIC-HV™2 3D Tissue Staining Kit	Buffers and tools optimized for 3D tissue staining	FNK-CSS003
	CUBIC-HV™2 3D Tissue Staining Kit (Starter)	Same kit plus reusable staining pot for experiments	FNK-CSS004
	3D Tissue Staining Pot for CUBIC-HV™2	Reusable staining container for the staining workflow	FNK-CSS005



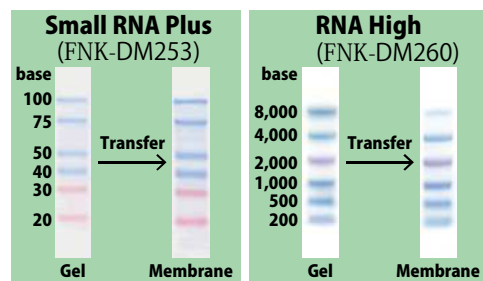
(FNK-KN-T110005)
(FNK-KN-B101005)

Downstream Applications



- Genotyping
- Colony PCR
- Microbiology testing
- Sequencing pre-treatment...

Taq DNA Polymerase



Prestained RNA Ladder for single-stranded RNA electrophoresis, made with patented technology.

You can monitor **separation/transfer** status.

- ✓ Comparable Performance **as Leading Brands**

- ✓ Various formats, Robust Buffer induces maximum enzymatic activity. # = FN

= FNK-

	#02-001	#02-002	#02-003	#02-004	#02-005
Taq DNA Polymerase	●	●	●		
Taq DNA Polymerase, Hot Start				●	●
dNTPs	●	●	●	●	●
Standard Buffer	●			●	
Robust buffer		●	●		●
Enhancer for High GC Template			●		

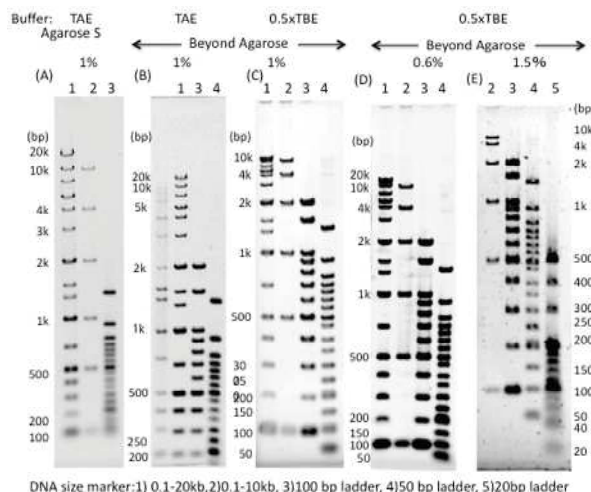
New Product!!

- Good separation of small DNA fragments
- Cost-effective alternative to low-melting agarose
- Separate 20 bp ~ 10 kbp DNA
- Clear gels for sharper band visualization
- Strong, flexible gels that resist breaking
- Same workflow as standard agarose electrophoresis
- Easy gel handling and DNA recovery
- Reliable performance for routine DNA analysis

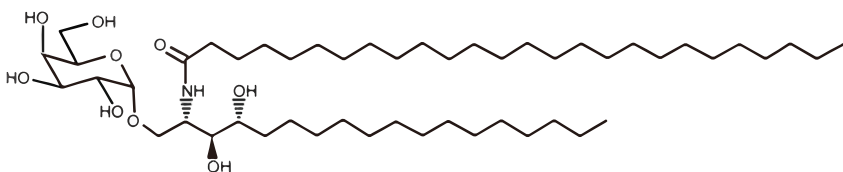
**Check
YouTube of
the demo
below**



Normal Agarose Gel (1%, 5mm thickness)	Beyond Agarose (1%, 5mm thickness)
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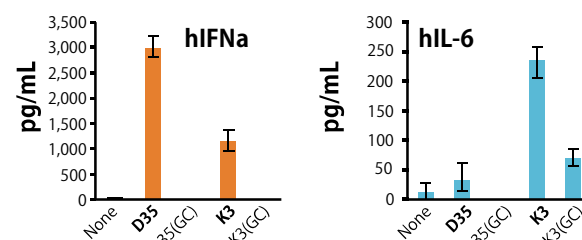


TLR9 Agonist D35/K3 (CpG-ODN)

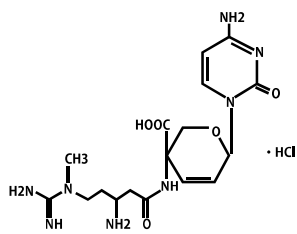


NOTE: Alpha-Gal-Cer (KRN7000) is licensed by Kyowa Hakko Kirin Company.
This product is for research use only, not for use in human, therapeutic or diagnostic applications.

- ✓ Specific ligand for human and mouse NKT cells
- ✓ Exhibits various immunological effects through NKT
- ✓ cell functions including potent antitumor effect
- ✓ Activates CD1d mediated invariant NKT cells (iNKT cells)
- ✓ Both Th1 and Th2 cytokine are released after activation
- ✓ Varidated bioactivity by FCM
- ✓ For in-vitro & in-vivo uses



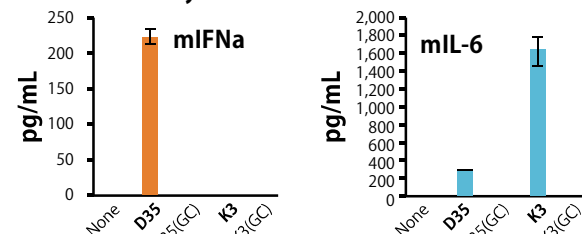
(FNK-KK-400/FNK-KK-400-1)



- ✓ Best quality nucleoside antibiotic for the selection of transformants carrying blastocystidin-resistant genes.
- ✓ Useful for establishing iPSCs by CiRA protocol.

Kazutoshi T., et al., "Induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors", *Cell*, 126(4), 663-76 (2006).

Cytokine Induction on hPBMC**



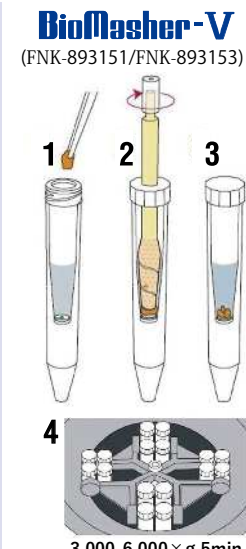
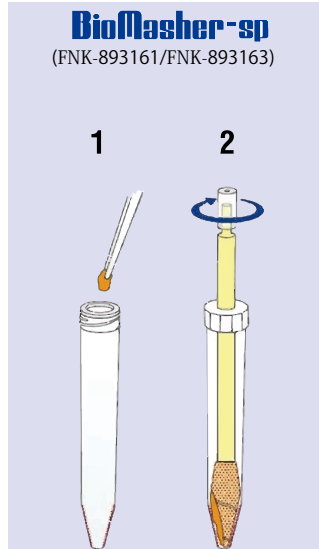
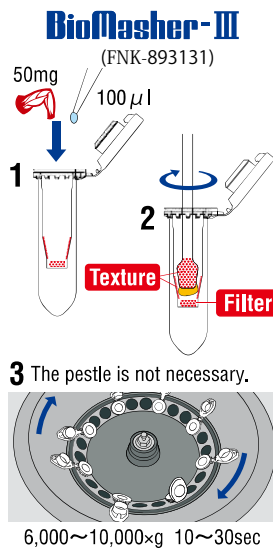
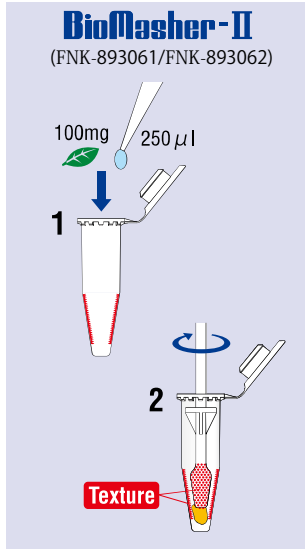
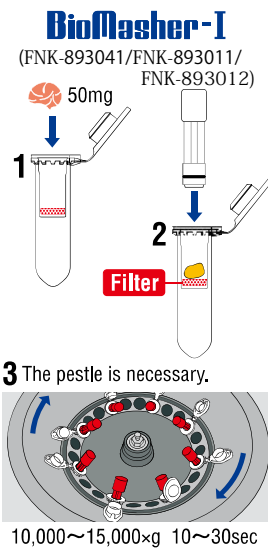
Cytokine Induction on mouse FL-DC**

**This data is provided as a result of collaborative research with Professor Ken Ishii and Professor Daiki Aoshi, Adjuvant Development Project of National Institute of Pharmaceutical Sciences.

Immune stimulation of potent and specific human, mouse immune cells, and for animal experiments, Offered in encapsulated vials in high purity. Guaranteed endotoxin 0.5 EU / mg or less.

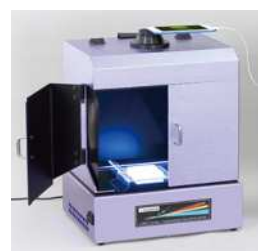
A-class TLR9 ligand: D35 (FNK-CN-65001) for pDC
B-class TLR9 ligand: K3 (FNK-CN-65003) for B cells

BioMasher - Disposable Tissue Homogenizer



FUNABOX Smartphone Gel Imaging System (FNK-FBOX-GS-SET)

New Product!!



Item	Specification
Imaging Area (Max.)	200 × 167 mm
Camera Distance	Approx. 282 mm (to smartphone lens)
Filter	Orange sharp-cut filter included
Compatible Dyes	SYBR® Green, SYBR® Gold, SYBR® Safe, SYPRO® Ruby, SYPRO® Orange
Optional Filters	Compatible with Ø52 mm filters
Observation Window	Built-in sharp-cut filter
UV Transmittance	220~450 nm: Max. 0.09%, Avg. 0.02% (measured values)
Dimensions (W × D × H)	280 × 210 × 280 mm (excluding smartphone holder)
Compatible Smartphone Width	57 - 105 mm

FUNA LED Mini Transilluminator

New Product!!



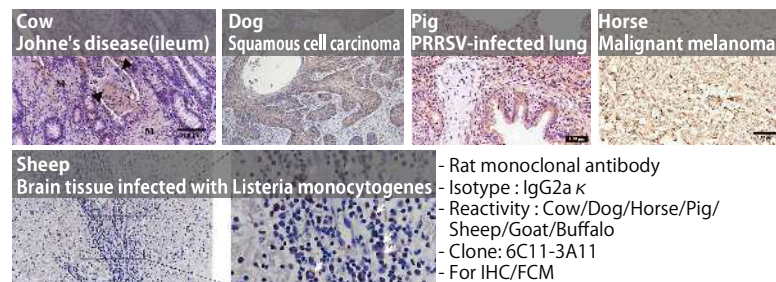
- ✓ 24 High-Intensity LEDs with Forced-Air Cooling for Powerful, Stable Illumination
- ✓ Dichroic Filter for Ultra-Low Background

Item	FNK-F-LMT470	FNK-F-LMT505
Excitation Wavelength	470 nm (Blue LED)	505 nm (Cyan LED)
Filter Size	140 × 130 mm	140 × 130 mm
Dimensions (W × D × H)	290 × 230 × 100 mm (120 mm including cover)	290 × 230 × 100 mm (120 mm including cover)
Weight	2.2 kg	2.2 kg
Compatible Dyes	SYBR® Green, SYBR® Gold, SYBR® Safe, SYPRO® Ruby, SYPRO® Orange	EtBr, GelRed™, SYBR® Green, SYBR® Gold, SYBR® Safe, SYPRO® Ruby, SYPRO® Orange, GFP, EGFP

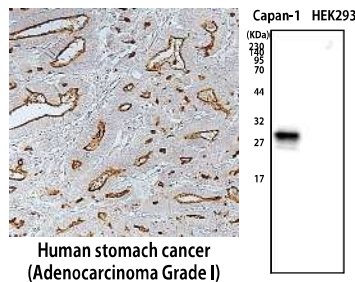
SYBR® and SYPRO® are registered trademarks of Thermo Fisher Scientific Inc.

Antibody for Animal PD-L1 (#FNK-FDV-0054)

MUC1 Antibody (014E) (FNK-FDV-0012B)



- Rat monoclonal antibody
- Isotype : IgG2a κ
- Reactivity : Cow/Dog/Horse/Pig/Sheep/Goat/Buffalo
- Clone: 6C11-3A11
- For IHC/FCM



- Specifically detects **scirrhous gastric cancer** & pancreatic cancer
- Isotype : IgG1 κ
- Reactivity : Human
- Specificity : Human Mucin1
- Clone: 014E
- For IHC/Western blot

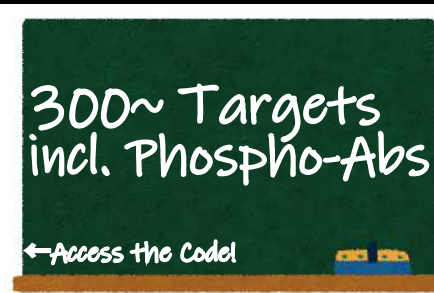
Lumican Polyclonal Antibody (FNK-FDV-0001)

List of Antibodies for Cancer Research



- Clear stain of tumor part and stromal component in cancer tissues
- **Pathologically validated**
- Host: Rabbit
- For Human & Rat
- For IHC/Western blot

↑ IHC image of Bowen's disease patient tissue. Lumican expression is detected in cytoplasm of cancer cells at epidermis.



Your local dealer



Distributor in US and Canada
Diagnocine LLC
<http://www.diagnocine.com>
Tel: + 201-681-7263 Fax: + 201-537-4225
E-mail: info@diagnocine.com
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Lab Supplies

Antibodies