

Anti human EAR2 mouse monoclonal antibody

EAR2: V-erbA related orphan nuclear receptor

Code No PP-N2025-00

Clone No. N2025

Lot. A-1

Concentration 1 mg/mL

Volume 100 uL

Ig Class G2a

Description EAR2(ERBAL2, NR2F6) is a member of orphan nuclear receptor. No ligand has been reported. NAR2 transcribed as a 2.5kb mRNA. Expression is detected in fetal liver, placenta, heart, muscle and pancreas. No expression was detected in lung and brain. Interaction with the transcription factor CBFA2 reveals a negative regulator of granulocyte differentiation.

Nomenclature NR2F6

Genbank X12794

Origin Produced in BALB/c mouse ascites inoculated with hybridoma of mouse myelomacells (NS-1) and spleen cells of a BALB/c mouse, which immunized with recombinant human EAR2 (13-44aa) produced by Baculovirus.

Specificity This antibody specifically recognizes human EAR2 and cross reacts with mouse and rat EAR2. This antibody does not recognizes human COUP-TF I and COUP-TF II.

Purification Ammonium sulfate fractionation

Formulation Physiological saline with 0.1% NaN₃ as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot 1 ug/mL

Non reducing Western Blot 1 ug/mL

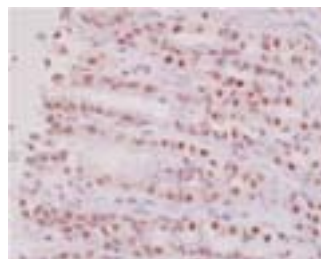
ELISA 0.2 ug/mL (A450=1)

Immunoprecipitation Decide by use

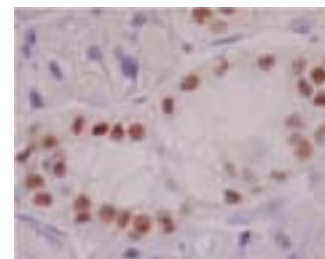
Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 10 ug/mL



Rat
Gastric epithelial cells
paraffin section



Rat
Glandula salivaria
paraffin section

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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