

Anti human EAR2 mouse monoclonal antibody

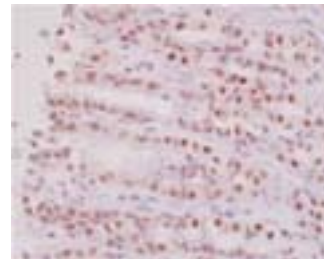
EAR2: V-erbA related orphan nuclear receptor

Code No	PP-N2025-00 old No. —
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% NaN ₃ as a preservative.

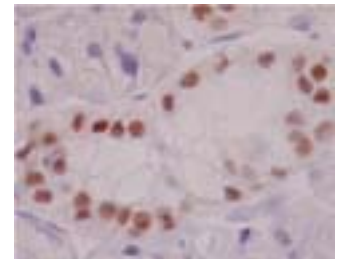
Application / Recommended Concentration

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	10ug/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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Apr 17, 2008