

## Anti human *EAR2* mouse monoclonal antibody

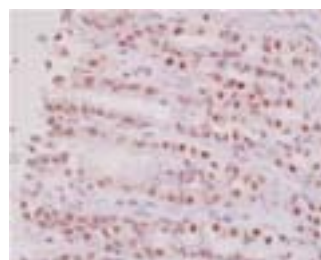
EAR2: V-erbA related orphan nuclear receptor

Code No	PP-N2025-00
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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 <sub>3</sub> as a preservative.

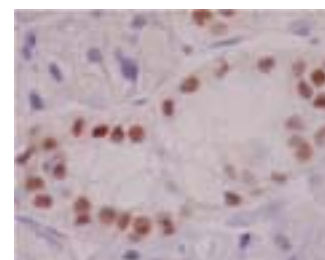
### Application / Recommended Concentration

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.
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### 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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Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

**MADE IN JAPAN**

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Distributed by

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