

Anti human *EAR2* mouse monoclonal antibody

EAR2: V-erbA related orphan nuclear receptor

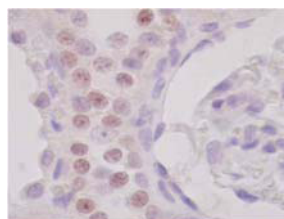
Code No	PP-H9929A-00
Clone No.	H9929A
Lot.	***
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	EAR2(ERBAL2, NR2F6) is a member of orphan nuclear receptor. No ligand has been reported. NAR2 transcribed as a 2.5kb mRNA. Expression is detected in fetal liver, placenta, heart, muscle and pancreas. 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 after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with E.coli-expressed recombinant human EAR2 (2-50 aa).
Specificity	This antibody specifically recognizes human EAR2 and cross reacts with mouse and rat EAR2. This antibody does not recognize human COUP-TF I and COUP-TF II.
Purification	Ammonium sulfate fractionation.
Formulation	Physiologic saline with 0.1 % NaN ₃ .

Application / Recommended Concentration

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

Western Blot	1µg/mL
Non reducing Western Blot	3µg/mL
ELISA	0.03µg/mL (A450=1)
Immunoprecipitation	Not yet tested
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	Not yet tested
Immunohistochemistry	Decide by use



Rat kidney / distal tubules

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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FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

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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