

Mouse ENPEP Monoclonal Antibody | anti-ENPEP antibody

ENPEP antibody

CATALOG # AAA106218	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

ENPEP; Monoclonal Antibody; ENPEP antibody; Monoclonal ENPEP; Anti-ENPEP; Glutamyl Aminopeptidase; Aminopeptidase A; CD249; gp160; Differentiation antigen gp160; EAP; anti-ENPEP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1D4
Purity/Purification	ENPEP antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	957
Applicable Applications for anti-ENPEP antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	ENPEP appears to have a role in the catabolic pathway of the renin-angiotensin system. Probably plays a role in regulating growth and differentiation of early B-lineage cells
Cross-Reactivity	Human, Monkey, Mouse
Immunogen	ENPEP antibody was raised in mouse using a full length recombinant protein of human ENPEP (NP_001968) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ENPEP protein in paraffin embedded Carcinoma of Human kidney tissue using ENPEP antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ENPEP protein (Right) or empty vector (Left) detected with ENPEP antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ENPEP antibody	Mouse monoclonal ENPEP antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	132814467
NCBI GeneID	2028
NCBI Accession #	NP_001968
NCBI GenBank Nucleotide #	NM_001977.3
UniProt Accession #	Q07075; Q504U2
Molecular Weight	109,244 Da
NCBI Official Full Name	glutamyl aminopeptidase
NCBI Official Synonym Full Names	glutamyl aminopeptidase (aminopeptidase A)
NCBI Official Symbol	ENPEP
NCBI Official Synonym Symbols	APA; CD249; gp160
NCBI Protein Information	glutamyl aminopeptidase
UniProt Protein Name	Glutamyl aminopeptidase
UniProt Gene Name	ENPEP
UniProt Synonym Gene Names	EAP; AP-A
UniProt Entry Name	AMPE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.