

Mouse PEPD Monoclonal Antibody | anti-PEPD antibody

PEPD antibody

CATALOG # AAA108045	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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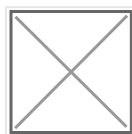
PRODUCT SYNONYMS

PEPD; Monoclonal Antibody; PEPD antibody; Monoclonal PEPD; Anti-PEPD; Peptidase D; MGC10905; PROLIDASE; anti-PEPD antibody

PRODUCT SPECIFICATIONS

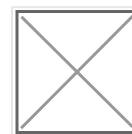
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B7
Purity/Purification	PEPD antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	485
Applicable Applications for anti-PEPD antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	PEPD is a cytosolic dipeptidase that hydrolyzes dipeptides with proline or hydroxyproline at the carboxy terminus (but not Pro-Pro). It is important in collagen metabolism because of the high levels of imino acids.
Cross-Reactivity	Human
Immunogen	PEPD antibody was raised in mouse using a full length recombinant protein of human PEPD (NP_000276) 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



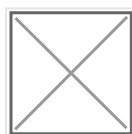
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant PEPD protein using PEPD antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of PEPD protein in paraffin embedded Human liver tissue using PEPD antibody



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PEPD antibody	Mouse monoclonal PEPD antibody
Product Categories/Family for anti-PEPD antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	499529046
UniProt Accession #	R4Y600
Molecular Weight	52,477 Da
NCBI Official Full Name	pepD
UniProt Protein Name	PepD protein
UniProt Gene Name	pepD
UniProt Entry Name	R4Y600_KLEPN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pepd-antibody-clone-1b7-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/108045>