
Product Name: KD-Validated Membrane Metalloendopeptidase Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01722**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 85.5kDa

Antigen Information

Gene Name	MME MME; Membrane Metalloendopeptidase; CALLA; NEP; Neprilysin; CD10; Common Acute Lymphocytic Leukemia Antigen; Neutral Endopeptidase 24.11; Skin Fibroblast Elastase;
Alternative Names	Neutral Endopeptidase; Atriopeptidase; Enkephalinase; EC 3.4.24.11; SFE; Membrane Metallo-Endopeptidase (Neutral Endopeptidase, Enkephalinase, CALLA, CD10); Neprilysin-390; Neprilysin-411; CD10 Antigen; EC 3.4.24; CMT2T; SCA43; EPN
Gene ID	4311.0
SwissProt ID	P08473
Immunogen	A synthesized peptide derived from human CD10

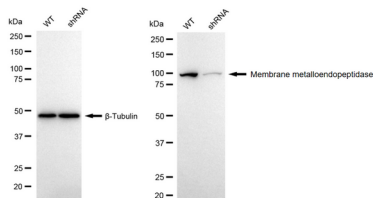
Background

The protein encoded by this gene is a type II transmembrane glycoprotein and a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). The encoded protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. [provided by RefSeq, Aug 2017]

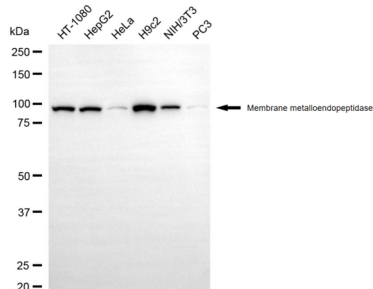
Research Area

Immunology, Stem Cells, Cancer

Image Data



Western blotting analysis using membrane metalloendopeptidase antibody (KVA01722). Membrane metalloendopeptidase expression in wild type (WT) and membrane metalloendopeptidase (MME) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with membrane metalloendopeptidase antibody (KVA01722, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using membrane metalloendopeptidase antibody (KVA01722). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with membrane metalloendopeptidase antibody (KVA01722, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.