

Rabbit anti-Human, mouse MME Polyclonal Antibody | anti-MME antibody

MME Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285695	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA

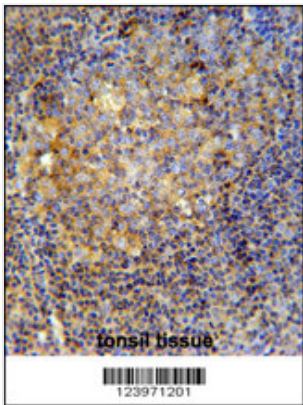
PRODUCT SYNONYMS

MME; Polyclonal Antibody; MME Antibody (C-term); Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 2411; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10; EPN; anti-MME antibody

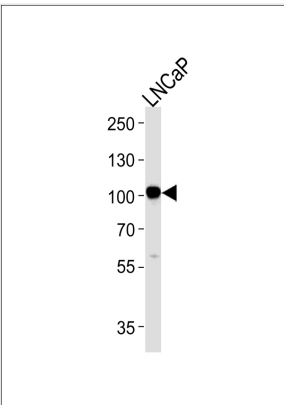
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MME antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 721-747 amino acids from the C-terminal region of human MME.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.41 (varies by lot)
Sequence Positions	721-747
Sequence Length	750
Applicable Applications for anti-MME antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
MME Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MME Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MME Antibody (C-term) western blot analysis in LNCaP cell line lysates (35ug/lane). This demonstrates the MME antibody detected the MME protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MME antibody	This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the identification of human acute lymphocytic leukemia (ALL). This 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. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. 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. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing. [provided by RefSeq].
Product Categories/Family for anti-MME antibody	Crown Antibodies; Cancer; Metabolism
References	Wang, S., et al. J. Neurochem. 115(1):47-57(2010) Ikenaga, N., et al. Gastroenterology 139(3):1041-1051(2010) Kim, H.S., et al. Histopathology 56(6):708-719(2010) Toussaint, J., et al. PLoS ONE 5 (8) (2010) : Cui, L., et al. PLoS ONE 5 (8), E12121 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256329
NCBI GeneID	4311
NCBI Accession #	NP_000893.2; NP_009218.2; NP_009219.2; NP_009220.2
NCBI GenBank Nucleotide #	NM_000902.3
UniProt Accession #	P08473; Q3MIX4; A8K6U6; D3DNJ9
Molecular Weight	85514

NCBI Official Full Name	neprilysin
NCBI Official Synonym Full Names	membrane metallo-endoropeptidase
NCBI Official Symbol	MME
NCBI Official Synonym Symbols	NEP; SFE; CD10; CALLA
NCBI Protein Information	neprilysin
UniProt Protein Name	Neprilysin
UniProt Gene Name	MME
UniProt Synonym Gene Names	EPN; CALLA; NEP; Neutral endopeptidase; SFE
UniProt Entry Name	NEP_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mme-antibody-western-blot-immunohistochemistry-elisa/285695>