

Rabbit MME Polyclonal Antibody | anti-MME antibody

MME Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286271	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Western Blot, ELISA, Immunofluorescence

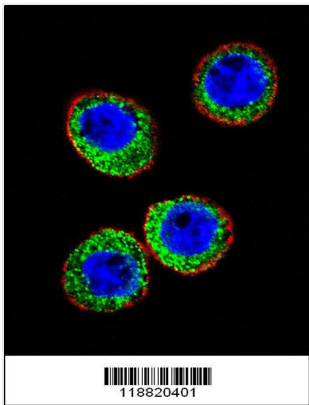
PRODUCT SYNONYMS

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

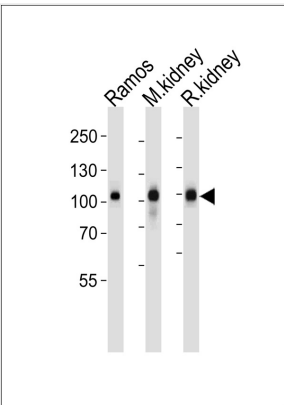
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MME antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 274-302 amino acids from the Central region of human MME.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	274-302
Sequence Length	750
Applicable Applications for anti-MME antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
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



IF (Immunofluorescence)
Confocal immunofluorescent analysis of MME Antibody (Center) with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
Western blot analysis of lysates from Ramos cell line, mouse kidney and rat kidney tissue (from left to right), using Neprilysin Antibody (Center). AAA286271 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-MME antibody	MME is 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 oprotein 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.
Product Categories/Family for anti-MME antibody	Crown Antibodies; Cancer; Immunology; Signal Transduction
References	Dakka,N., Bellaoui,H. Pediatr Hematol Oncol 26 (4), 216-231 (2009) Wang,R., Wang,S. J. Neurochem. 108 (4), 1072-1082 (2009) Shipp,M.A. Proc. Natl. Acad. Sci. U.S.A. 88 (23), 10662-10666 (1991) Shipp,M.A. Proc. Natl. Acad. Sci. U.S.A. 86 (1), 297-301 (1989)

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-endopeptidase
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://stage.aaabiotech.com/polyclonal/mme-antibody-western-blot-immunofluorescence-elisa/286271>