

Mouse Anti-MME Monoclonal Antibody

CAB-1996MH Mouse(MME)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Mouse Anti-MME Monoclonal Antibody
Antigen Description	Neprilysin, also known as membrane metallo-endopeptidase, neutral endopeptidase (NEP), CD10, and common acute lymphoblastic leukemia antigen (CALLA), is a zinc-dependent metalloprotease enzyme that degrades a number of small secreted peptides, most notably the amyloid beta peptide whose abnormal misfolding and aggregation in neural tissue has been implicated as a cause of Alzheimer's disease.
specificity	Reacts with Human CD10 antigen (CALLA – Common acute lymphatic leukemia antigen), a 100 kDa type II integral membrane protein.
Target	MME
Immunogen	NALM-6 human pre-B cell line
Host	Mouse
Isotype	IgG1
Source	Ascites
Species	Human
Clone	NEM-79
Affinity Constant	Not determined
Purification	>95% pure (SDS-PAGE). Protein A chromatography
conjugation	N/A
Applications	Flow Cyt,IP

PACKAGING

Format	Purified, Liquid
Concentration	Lot specificLot specific
Buffer	PBS, pH 7.4
Storage	Short term store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
Preservative	15mM Sodium azide
Warning	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

ANTIGEN GENE INFORMATION

Gene Name	MME membrane metallo-endopeptidase [Homo sapiens]
Official Symbol	MME

Synonyms	MME; membrane metallo-endopeptidase; neprilysin; CALLA; CD10; enkephalinase; NEP; neutral endopeptidase; atriopeptidase; skin fibroblast elastase; neutral endopeptidase 24.11; membrane metallo-endopeptidase variant 1; membrane metallo-endopeptidase variant 2; common acute lymphocytic leukemia antigen; membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase); membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10); SFE; MGC126681; MGC126707; DKFZp686O16152;
GeneID	4311
mRNA Refseq	NM_000902
Protein Refseq	NP_000893
MIM	120520
UniProt ID	P08473
Chromosome Location	3q25.2
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem; Renin-angiotensin system, organism-specific biosystem;
Function	endopeptidase activity; endopeptidase activity; metal ion binding; metalloendopeptidase activity; metalloendopeptidase activity; peptidase activity; peptide binding; protein binding; zinc ion binding;