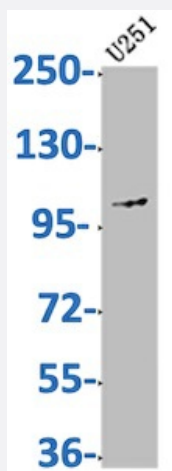


RecomAb™

MME recombinant monoclonal antibody, clone 7F6

Catalog # RAB04008 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: U251 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MME.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human MME.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: U251 whole cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MME

Entrez GeneID	4311
Protein Accession#	P08473
Gene Name	MME
Gene Alias	CALLA, CD10, DKFZp686O16152, MGC126681, MGC126707, NEP
Gene Description	membrane metallo-endopeptidase
Omim ID	120520
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis 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]
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Other Designations	atriopeptidase common acute lymphocytic leukemia antigen enkephalinase membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase) membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10) membrane metallo-endopeptidase
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Pathway

- [Hematopoietic cell lineage](#)
- [Renin-angiotensin system](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Atherosclerosis](#)
- [Brain Injuries](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)