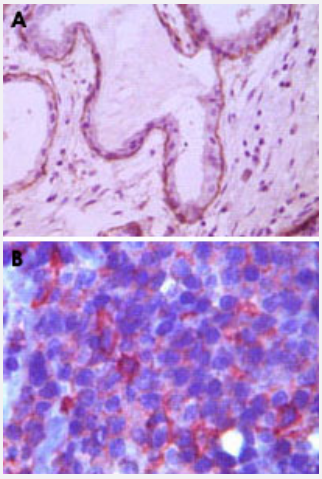
MME monoclonal antibody, clone 2A1H5E1

Catalog # MAB10461 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast ductal myoepithelium (A) and lymph tissue (B), showing cytoplasmic (A) and membrane (B) localization using MME monoclonal antibody, clone 2A1H5E1 (Cat # MAB10461) with DAB staining (A) and AEC staining (B).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant MME.
Immunogen	Recombinant protein corresponding to human MME.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG2b
Recommend Usage	Immunohistochemistry (1:200-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.03% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human breast ductal myoepithelium (A) and lymph tissue (B), showing cytoplasmic (A) and membrane (B) localization using MME monoclonal antibody, clone 2A1H5E1 (Cat # MAB10461) with DAB staining (A) and AEC staining (B).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MME

Entrez GeneID	4311
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 surfac e marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on l eukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restri cted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein tha t 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 ami no side of hydrophobic residues and inactivates several peptide hormones including glucagon, en kephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-k D type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untransl ated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The c oding region is not affected by alternative splicing. [provided by RefSeq
Other Designations	atriopeptidase|common acute lymphocytic leukemia antigen|enkephalinase|membrane metallo-en dopeptidase (neutral endopeptidase, enkephalinase)|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)|membrane metallo-endopeptidase

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