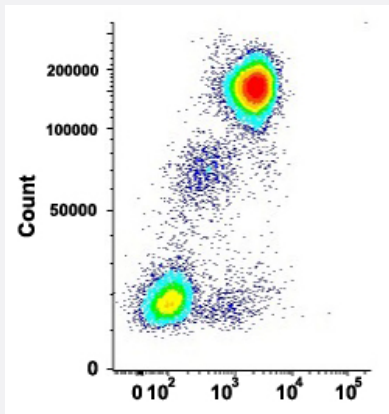


MME monoclonal antibody, clone HI10a

Catalog # MAB13777 Size 100 ug

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with MME monoclonal antibody, clone HI10a (Cat # MAB13777).

Specification

Product Description	Mouse monoclonal antibody raised against human MME.
Immunogen	Acute CALLA leukemia blast cells.
Host	Mouse
Theoretical MW (kDa)	100
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (20 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with MME monoclonal antibody, clone HI10a (Cat # MAB13777).

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]
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

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](#)