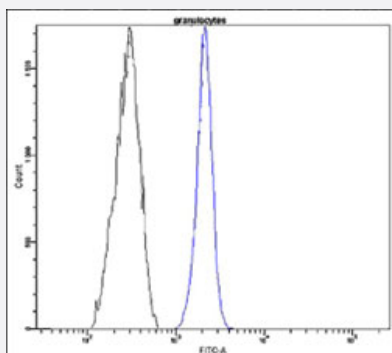


MME monoclonal antibody, clone K16-P (FITC)

Catalog # MAB16005 Size 1000 uL

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with MME monoclonal antibody, clone K16-P (FITC) (Cat # MAB16005).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human MME.

Host Rabbit

Reactivity Human

Form Liquid

Conjugation FITC

Purification EVAC purification

Isotype IgG

Recommend Usage Flow Cytometry
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (10 mg/mL BSA, 0.05% Sodium Azide).

Storage Instruction Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

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 K16-P (FITC) (Cat # MAB16005).

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](#)