

DNAxPAb

Hard-to-Find
Antibody

MME DNAxPab

Catalog # H00004311-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MME DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGKSESQMDITDINTPKPKKKQRWTPLEISLSVLVLLLTIAVTMIALYATYDDGICKSSDCIKSAARLI QNMDATTEPCTDFFKYACGGWLKRNVIPETSSRYGNFDILRDELEVVLKDVLPQPKTEDIVAVQK AKALYRSCINESAIDSRGGEPLLKLLPDYIGWPVATENWEQKYGASWTAEKAIQNLNSKYGKKVLI NLFVGTDDKNSVNHVIHIDQPRGLPSRDYYECTGYKEACTAYVDFMISVARLIRQEERLPIDENQL ALEMNKVMELEKEIANATAKPEDRNDPMLLYNKMTLAQIQNNFSLEINGKPFWSWLNFTNEIMSTVNI SITNEEDVVVYAPEYLTCLKPILTKYSARDLQNLMSWRFIMDLVSSLSRTYKESRNAFRKALYGTTS ETATWRRRCANYVNGNMENAVGRLYVEAAFAGESKHVVEDLIAQIREVFIQTLDDL TWMDAETKKR AEEKALAIKERIGYPDDIVSNDNKLNNEYLELNYKEDEYFENIQNLKFSQSKQLKKLREKVDKDEWI SGAADVNAFYSSGRNQIVFAGILQPPFFSAQQSNSLNYGGIGMVGHEITHGFDDNGRNFNKGDG LVDWWTQQSASNFKEQSQCVMYQYGNFSWDLAGGQHLNGINTLGENIADNGGLGQAYRAYQNYI KKNGEKLLPGLDLNHHQLFFLNFAQVWCCTYRPEYAVNSIKTDVHSPGNFRIIGTLQNSAEFSEA FHCRKNSYMNPEKKCRVW

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — MME

Entrez GeneID [4311](#)

GeneBank Accession# [BC101658.1](#)

Protein Accession# [AA101659.1](#)

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](#)