

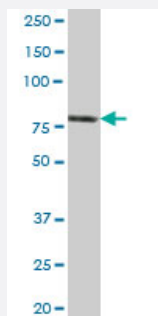
MaxPab®

MME purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004311-B01P

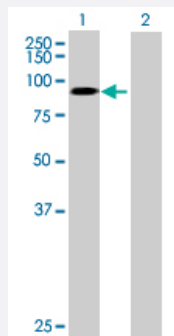
Size 50 ug

Applications



Western Blot (Tissue lysate)

MME MaxPab polyclonal antibody. Western Blot analysis of MME expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of MME expression in transfected 293T cell line ([H00004311-T01](#)) by MME MaxPab polyclonal antibody.

Lane 1: MME transfected lysate(82.5 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MME protein.

Immunogen

MME (AAI01659.1, 1 a.a. ~ 750 a.a) full-length human protein.

Sequence

MGKSESQMDITDINTPKPKKKQRWTPLEISLSVLVLLLTIAVMTIALYATYDDGICKSSDCIKSAARLI
QNM DATTEPCTDFFKYACGGWLKRNVIPETSSRYGNFDILRDELEVVLKDVLPKTEDIVAVQK
AKALYRSCINESAIDSRGGEPLLKLLPDIYGWPVATENWEQKYGASWTAEKAIQNLNSKYGKKVLI
NLFVGTDDKNSVNHVIHIDQPRGLPSRDYECTGIYKEACTAYVDFMISVARLIRQEERLPIDENQL
ALEMNKVMELEKEIANATAKPEDRNDPMLLYNKMTLAQIQQNFSLEINGKPFWSLNFNFTNEIMSTVNI
SITNEEDVVVYAPEYLTKLKPILTKYSARDLQNLMSWRFIMDLVSSLSRTYKESRNAFRKALYGTTS
ETATWRRCANVYVNGNMENAVGRLYVEAAFAGESKHVVEDLIAQIREVFIQTLDL TWMDAETKKR
AEEKALAIKERIGYPDDIVSNDNKLNNLEYELNYKEDEYFENIIQNLKFSQSKQLKKLREKVDKDEWI
SGAAVVNAFYSSGRNQIVFPAGILQPPFFSAQQSNSLNYYGIGMVIGHEITHGFDDNGRNFNKG DG
LVDWWTQQSASNFKESQSCMVYQYGNFSWDLAGGQHLNGINTLGENIADNGGLGQAYRAYQNYI
KKNGEEKLLPGLDLNHHQLFFLNFAQVWCCTYRPEYAVNSIKTDVHSPGNFRIIGTLQNSAEFSEA
FHCRKNSYMNPEKKCRVW

Host

Mouse

Reactivity

Human

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 (Tissue lysate)

MME MaxPab polyclonal antibody. Western Blot analysis of MME expression in human kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MME expression in transfected 293T cell line ([H00004311-T01](#)) by MME MaxPab polyclonal antibody.

Lane 1: MME transfected lysate(82.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — MME

Entrez GeneID

[4311](#)

GeneBank Accession#

[NM_007287.1](#)

Protein Accession#

[AAI01659.1](#)

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](#)