

Mouse anti-Human MATK Antibody | anti-MATK antibody

MATK Antibody

CATALOG # AAA108445	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

MATK; MATK Antibody; CHK; CTK; anti-MATK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	9D7
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	508
Applicable Applications for anti-MATK antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MATK expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES


FCM/FACS (Flow Cytometry)

Figure 2: Flow cytometric analysis of K562 cells using MATK mouse mAb (green) and negative control (purple).


WB (Western Blot)

Figure 1: Western blot analysis using MATK mouse mAb against K562 cell lysate (1).

ADDITIONAL INFORMATION

Related Product Information for anti-MATK antibody	MATK (megakaryocyte-associated tyrosine kinase), also known as CTK, this protein has amino acid sequence similarity to Csk tyrosine kinase and has the structural features of the CSK subfamily: SRC homology SH2 and SH3 domains, a catalytic domain, a unique N terminus, lack of myristylation signals, lack of a negative regulatory phosphorylation site, and lack of an autophosphorylation site. This protein is thought to play a significant role in the signal transduction of hematopoietic cells. It is able to phosphorylate and inactivate Src family kinases, and may play an inhibitory role in the control of T-cell proliferation. This protein might be involved in signaling in some cases of breast cancer.
Product Categories/Family for anti-MATK antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	21450842
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NCBI GeneID	4145
NCBI Accession #	NP_002369.2
NCBI GenBank Nucleotide #	NM_002378.3
UniProt Accession #	P42679 ; Q9NST8 ; B3KNZ9
Molecular Weight	56kDa
NCBI Official Full Name	megakaryocyte-associated tyrosine-protein kinase isoform b
NCBI Official Synonym Full Names	megakaryocyte-associated tyrosine kinase
NCBI Official Symbol	MATK
NCBI Official Synonym Symbols	CHK; CTK; HYL; Lsk; HYLTK; HHYLTk
NCBI Protein Information	megakaryocyte-associated tyrosine-protein kinase
UniProt Protein Name	Megakaryocyte-associated tyrosine-protein kinase
UniProt Gene Name	MATK
UniProt Synonym Gene Names	CTK; HYL; CHK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/matk/108445>