

# MATK rabbit monoclonal antibody

Catalog # H00004145-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human MATK peptide using ARM Technology.
Immunogen	A synthetic peptide of human MATK is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MATK peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — MATK

Entrez GeneID	<a href="#">4145</a>
GeneBank Accession#	<a href="#">MATK</a>
Gene Name	MATK
Gene Alias	CHK, CTK, DKFZp434N1212, HHYLTk, HYL, HYLTK, Lsk, MGC1708, MGC2101
Gene Description	megakaryocyte-associated tyrosine kinase
Omim ID	<a href="#">600038</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene 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. Three alternatively spliced transcript variants that encode different isoforms have been described for this gene. [provided by RefSeq]</p>
Other Designations	Csk-homologous kinase Csk-type protein tyrosine kinase HYL tyrosine kinase hematopoietic consensus tyrosine-lacking kinase hydroxyaryl-protein kinase leukocyte carboxyl-terminal src kinase related protein kinase HYL tyrosine kinase MATK tyrosine-protein k