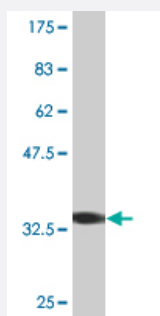


MATK monoclonal antibody (M05), clone 2C5

Catalog # H00004145-M05

Size 50 ug

Applications



Western Blot detection against Immunogen (35.2 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MATK.
Immunogen	MATK (NP_647612, 422 a.a. ~ 507 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RAPYPKMSLKEVSEAVEKGYRMEPPEGCPGPVHVLMSSCWEAEPAARRPPFRKLAEKLARELR SAGAPASVSGQDADGSTSPRSQEP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (77)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.2 KDa) .
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 (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MATK

Entrez GeneID	4145
GeneBank Accession#	NM_139355
Protein Accession#	NP_647612
Gene Name	MATK
Gene Alias	CHK, CTK, DKFZp434N1212, HHYLTk, HYL, HYLTk, Lsk, MGC1708, MGC2101
Gene Description	megakaryocyte-associated tyrosine kinase
Omim ID	600038
Gene Ontology	Hyperlink
Gene Summary	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]
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