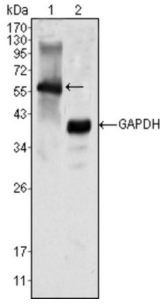
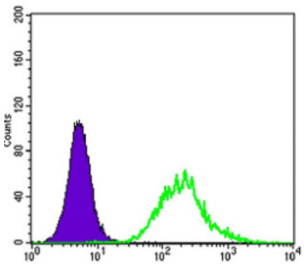
Megakaryocyte Associated Tyrosine Kinase (MATK) Antibody

Catalogue No.:abx011115



Western blot analysis using MATK antibody against K562 cell lysate (1).



Flow cytometric analysis of K562 cells using MATK antibody (green) and negative control (purple).

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.

Target:	Megakaryocyte Associated Tyrosine Kinase (MATK)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MATK expressed in E. coli.
Isotype:	IgG_1

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P42679 (UniProt, ExPASy)
Gene Symbol:	MATK
GeneID:	4145
OMIM:	600038
HGNC:	6906
KEGG:	hsa:4145
Ensembl:	ENSG00000007264
String:	9606.ENSP00000378485
Molecular Weight:	56 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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Website: www.abbexa.com · Email: info@abbexa.com