

Mouse Monoclonal Antibody to MATK

Order Information

Catalog#	20390	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

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.

Specification

Aliases	: CHK; CTK
Entrez GeneID	: 4145
Swissprot	: P42679
clone	: 9D7
WB Predicted band size	: 56kDa
Host/Isotype	: Mouse IgG1
Storage	: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Species Reactivity	: Human
Immunogen	: Purified recombinant fragment of human MATK expressed in E. Coli.
Formulation	: Ascitic fluid containing 0.03% sodium azide.

Application

WB	1/500 - 1/2000
FCM	1/200 - 1/400
ELISA	1/10000

References

1. Int J Oncol. 2002 Jul;21(1):197-205.
2. Proc Natl Acad Sci U S A. 2002 Dec 24;99(26):16899-903.
3. Nat Genet. 2004 Jan;36(1):40-5.

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Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html
Antigen Sequence is available upon request.

Products and Services

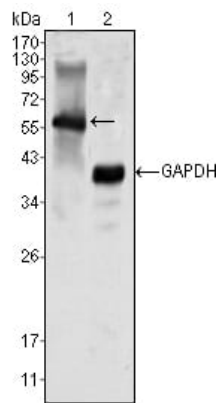
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

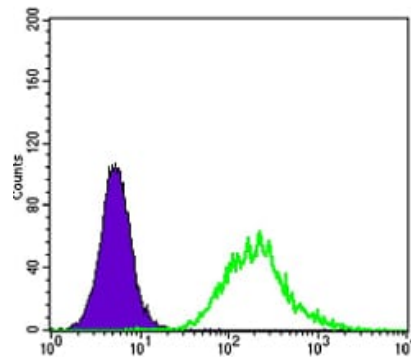
Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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Mouse Monoclonal Antibody to MATK



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



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

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