Mouse Csk Monoclonal Antibody | anti-Csk antibody

Csk Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320023	**Mouse**	**Human, Mouse, Rat, Monkey**	**ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

Csk; Monoclonal Antibody; Csk Monoclonal Antibody; Tyrosine-protein kinase CSK; CSK; C-Src kinase; Protein-tyrosine kinase CYL; anti-Csk antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Specificity	Csk Monoclonal Antibody detects endogenous levels of Csk protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Csk antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Csk expressed in E coli.
Modification	Unmodified/Total
Catalytic Activity	ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.
Function	Specifically phosphorylates 'Tyr-504' on LCK, which acts as a negative regulatory site. Can also act on the LYN and FYN kinases.
PTM	Autophosphorylation of Tyr-304 occurs only at abnormally high CSK concentrations in vitro. Belongs to the protein kinase superfamily. Tyr protein kinase family. Belongs to the protein kinase superfamily. Tyr protein kinase family. CSK subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.
Subcellular Location	Mainly cytoplasmic, also present in lipid rafts.
Subunit	Interacts with PTPN8 (By similarity). Interacts with phosphorylated SIT1, PAG1, LIME1 and TGFB1I1.
Tissue Specificity	Expressed in lung and macrophages.
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HL-60 cells using Csk Monoclonal Antibody (green) and negative control (purple).

IF (Immunofluorescence)
Immunofluorescence analysis of U251 cells using Csk Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin

WB (Western Blot)
Western Blot analysis using Csk Monoclonal Antibody against NIH/3T3 (1).HeLa (2).COS7 (3). Jurkat (4). Raw246.7 (5). A549 (6). HL-60 (7) and PC-12 (8) cell lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Csk antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	187475373
NCBI GeneID	1445
NCBI Accession #	NP_001120662.1
NCBI GenBank Nucleotide #	NM_001127190.1
UniProt Accession #	P41240; Q2M3N2; Q6FGZ6
Molecular Weight	50,704 Da
NCBI Official Full Name	tyrosine-protein kinase CSK
NCBI Official Synonym Full Names	c-src tyrosine kinase
NCBI Official Symbol	CSK
NCBI Protein Information	tyrosine-protein kinase CSK; C-Src kinase; protein-tyrosine kinase CYL
UniProt Protein Name	Tyrosine-protein kinase CSK
UniProt Gene Name	**CSK**
UniProt Entry Name	CSK_HUMAN

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/monoclonal/csk-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-western-blot-elisa/320023