

Mouse CSK Antibody | anti-CSK antibody

CSK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108716	Mouse	Human, Mouse, Monkey, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

CSK; CSK Antibody; MGC117393; anti-CSK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Monkey, Rat
Isotype	IgG1
Clone Number	5F3
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	450
Applicable Applications for anti-CSK antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CSK expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



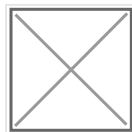
FCM/FACS (Flow Cytometry)

Figure 3: Flow cytometric analysis of HL-60 cells using CSK mouse mAb (green) and negative control (purple).



IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of U251 cells using CSK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Figure 1: Western blot analysis using CSK mouse mAb 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

Related Product Information for anti-CSK antibody

Carboxy-terminal Src kinase (Csk) is a ubiquitously expressed nonreceptor tyrosine kinase that negatively regulates the Src family kinases (SFK) by phosphorylation of the SFK carboxy-terminal tyrosine. Phosphorylated carboxy-terminal tyrosine binds to the SH2 domain of SFK intramolecularly and leads to folding and inactivation of the SFK. This Csk-catalyzed SFK tyrosine phosphorylation is highly specific and exclusive. The SFK carboxy-terminal tyrosine is the only known physiological substrate of Csk. Tissue specificity: Expressed in lung and macrophages.

Product Categories/Family for anti-CSK antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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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	50kDa
NCBI Official Full Name	tyrosine-protein kinase CSK
NCBI Official Synonym Full Names	C-terminal Src kinase
NCBI Official Symbol	CSK
NCBI Protein Information	tyrosine-protein kinase CSK
UniProt Protein Name	Tyrosine-protein kinase CSK
UniProt Gene Name	CSK

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-human-monkey-mouse-rat-antibody/csk/108716>