

Mouse CSK Monoclonal Antibody | anti-CSK antibody

CSK antibody

CATALOG # AAA225029	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, ELISA
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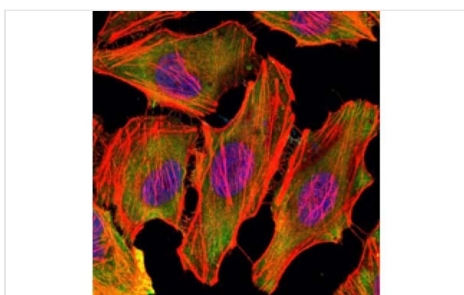
PRODUCT SYNONYMS

CSK; Monoclonal Antibody; CSK antibody; Mouse monoclonal CSK antibody; Monoclonal CSK antibody; Anti-CSK antibody; C-Src Tyrosine Kinase antibody; Carboxy-terminal Src kinase antibody; MGC117393 antibody; anti-CSK antibody

PRODUCT SPECIFICATIONS

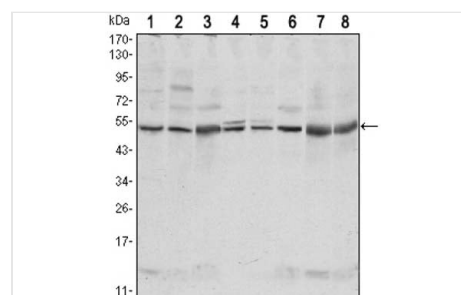
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5F3
Form/Format	Liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	450
Applicable Applications for anti-CSK antibody	WB (Western Blot), IF (Immunofluorescence), ELISA
Immunogen	CSK antibody was raised in Mouse using a purified recombinant fragment of human CSK expressed in E Coli as the immunogen.
Cross-Reactivity	Human, Mouse, Monkey, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



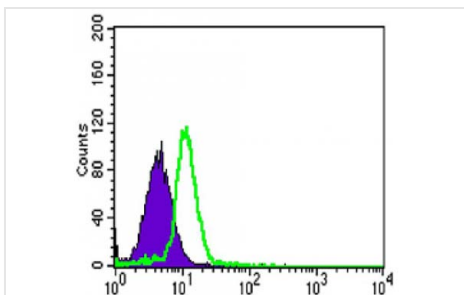
IF (Immunofluorescence)

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



WB (Western Blot)

Western Blot showing CSK antibody used against NIH/3T3 (1), HeLa (2), COS7 (3), Jurkat (4), Raw246.7 (5), A549 (6), HL-60 (7) and PC-12 (8) cell lysate.



FCM/FACS (Flow Cytometry)
FC analysis of HL-60 cells using CSK antibody (green) and negative control (purple).

ADDITIONAL INFORMATION

Related Product Information for anti-CSK antibody	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.
Product Categories/Family for anti-CSK antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456875
NCBI GeneID	1445
UniProt Accession #	P41240; Q2M3N2; Q6FGZ6
Molecular Weight	50,704 Da
NCBI Official Full Name	CSK, partial
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.