

Mouse anti-Human, Rat CSK Monoclonal Antibody | anti-CSK antibody

CSK Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320344	Mouse	Human, Rat	Immunocytochemistry, Western Blot

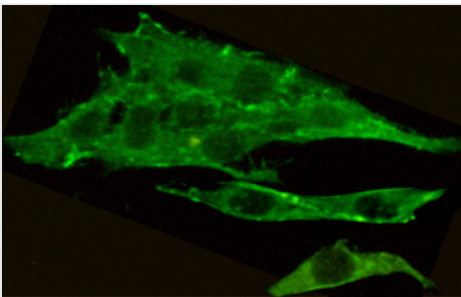
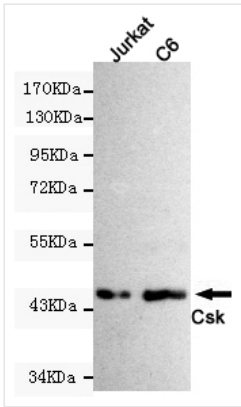
PRODUCT SYNONYMS

CSK; Monoclonal Antibody; CSK Mouse mAb; C SRC; C SRC kinase; C src Tyrosine Kinase; C-SRC kinase; c-src tyrosine kinase; Csk A; CSK_HUMAN; CYTOPLASMIC TYROSINE KINASE; EC 2.7.10.2; MGC112926; MGC117393; MGC154049; P60 Src; Protein tyrosine kinase CYL; Protein-tyrosine kinase CYL; Proto oncogene tyrosine protein kinase; Tyrosine protein kinase CSK; Tyrosine-protein kinase CSK; zgc:154049.; anti-CSK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of CSK and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CSK antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human CSK protein fragments 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



WB (Western Blot)
Western blot detection of CSK in C6 and Jurkat cell lysates using CSK mouse mAb (1:1000 diluted). Predicted band size: 50KDa. Observed band size: 50KDa.

ICC (Immunocytochemistry)
Immunocytochemistry staining of C6 cells fixed by anhydrous methanol for 2 h at -20° and using anti-CSK mouse mAb (dilution 1:50).

ADDITIONAL INFORMATION

Product Categories/Family for anti-CSK antibody	Primary Antibodies
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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	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-immunocytochemistry-western-blot-elisa/320344>