

Mouse CSK Monoclonal Antibody | anti-CSK antibody

CSK Monoclonal Antibody

CATALOG # AAA300706	HOST Mouse	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

CSK; Monoclonal Antibody; CSK Monoclonal Antibody; C SRC; C SRC kinase; C src Tyrosine Kinase; C-SRC kinase; c-src tyrosine kinase; Csk A; CSK_HUMAN; CYTOPLASMIC TYROSINE KINASE; EC2.7.10.2; MGC112926; MGC117393; MGC154049; P60 Src; Protein tyrosine kinase CYL; Protein-tyrosine kinase CYL; anti-CSK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2B4-C6-A10
Specificity	This antibody detects endogenous levels of CSK and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine(pH 7.4,150 mM NaCl)with 0.2% sodium azide,0.1mg/mlBSA and 50% glycerol.
Sequence Length	450
Applicable Applications for anti-CSK antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human CSK protein fragments expressed in E Coli.
Target Name	CSK
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

Western blot detection of CSK antibody in C6 and Jurkat cell lysates using CSK antibody (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 degree C and using anti-CSK antibody (dilution 1:50).

ADDITIONAL INFORMATION

Related Product Information for anti-CSK antibody	Non-receptor tyrosine-protein kinase that plays an important role in the regulation of cell growth, differentiation, migration and immune response. Phosphorylates tyrosine residues located in the C-terminal tails of Src-family kinases (SFKs) including LCK, SRC, HCK, FYN, LYN or YES1. Upon tail phosphorylation, Src-family members engage in intramolecular interactions between the phosphotyrosine tail and the SH2 domain that result in an inactive conformation. To inhibit SFKs, CSK is recruited to the plasma membrane via binding to transmembrane proteins or adapter proteins located near the plasma membrane. Suppresses signaling by various surface receptors, including T-cell receptor (TCR) and B-cell receptor (BCR) by phosphorylating and maintaining inactive several positive effectors such as FYN or LCK.
Product Categories/Family for anti-CSK antibody	Total protein Ab

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
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-clone-2b4-c6-a10-immunocytochemistry-western-blot-elisa/300706>