



# CSK Monoclonal Antibody

<b>Product Code</b>	CSB-MA199199
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Immunogen</b>	Purified recombinant Human CSK protein fragments expressed in E.coli.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human,Rat
<b>Specificity</b>	This antibody detects endogenous levels of CSK and does not cross-react with related proteins.
<b>Tested Applications</b>	ELISA,WB,ICC;Recommended dilution:WB:1:500-1:5000,ICC:1:50-1:200
<b>Relevance</b>	<p>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.</p>
<b>Form</b>	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.
<b>Purification Method</b>	Affinity purified
<b>Isotype</b>	IgG2b
<b>Clonality</b>	Monoclonal
<b>Alias</b>	C SRC; C SRC kinase; C src Tyrosine Kinase; C-SRC kinase; c-src tyrosine kinase; Csk A; CSK; CSK_HUMAN; CYTOPLASMIC TYROSINE KINASE; EC2.7.10.2; MGC112926; MGC117393; MGC154049; P60 Src; Protein tyrosine kinase CYL; Protein-tyrosine kinase CYL;
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	2B4-C6-A10