

anti- CSK antibody

Product Information

Catalog No.:	FNab02017
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	0A11
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	c-src tyrosine kinase
Synonyms:	C Src kinase, c src tyrosine kinase, CSK, Protein tyrosine kinase CYL, Tyrosine protein kinase CSK
Observed MW:	50 kDa
Uniprot ID :	P41240

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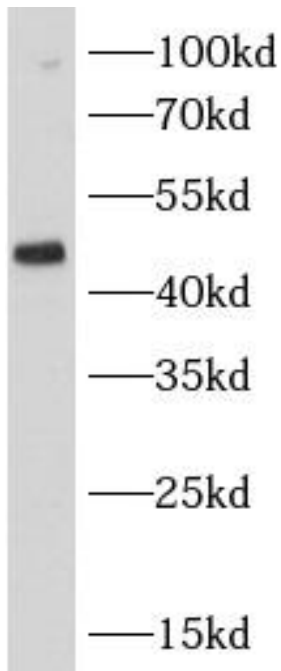
Application

Reactivity: Human, Mouse

Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:20-1:200

Image:



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab02017(CSK antibody) at dilution of 1:1000