CSK Monoclonal antibody, PBS Only

Catalog Number:66115-1-PBS

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Basic Information

Catalog Number: 66115-1-PBS	**GenBank Accession Number:** BC106073	**Purification Method:** Protein A purification
Size: 1 mg/ml	**GeneID (NCBI):** 1445	**CloneNo.:** 3B12C5
Source: Mouse	**UNIPROT ID:** P41240	
Isotype: IgG2b	**Full Name:** c-src tyrosine kinase	
Immunogen Catalog Number: AG12103	**Calculated MW:** 450 aa, 50 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB,Indirect ELISA,IF

Species Specificity:
human, mouse

Background Information

CSK(Tyrosine-protein kinase CSK) is also named as C-Src kinase, protein-tyrosine kinase CYL and belongs to the protein kinase superfamily. Csk is a non-receptor tyrosine kinase with a molecular mass of 50 kDa. It contains the SH3 and SH2 domains in its N-terminus and a kinase domain in its C-terminus. It negatively regulates the kinase activity of SFKs and plays an important role in physiological functions via signaling pathways for cell proliferation, differentiation, adhesion, and migration(PMID:23548896). Csk may play a role in tumor suppression by inhibiting the oncogenic activity of SFKs. Indeed, overexpression of Csk can inhibit tumor growth of human colon cancer cells(PMID:23139636). This protein can be autophosphorylated(PMID:11181701).

Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
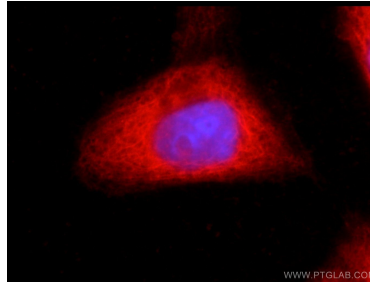**Storage Buffer:**
PBS Only

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data
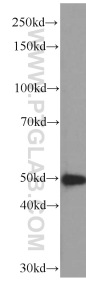
Jurkat cells were subjected to SDS PAGE followed by western blot with 66115-1-Ig (CSK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66115-1-PBS in a different storage buffer formulation.

Immunofluorescent analysis of A431 cells using 66115-1-Ig (CSK antibody) at dilution of 1:50 and Rhodamine-Goat anti-Mouse IgG. This data was developed using the same antibody clone with 66115-1-PBS in a different storage buffer formulation.