

Anti-CSK Rabbit Monoclonal Antibody
Catalog # ABO15885**Specification**

Anti-CSK Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	P41240
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-CSK Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-CSK Rabbit Monoclonal Antibody - Additional Information

Gene ID 1445

Other Names

Tyrosine-protein kinase CSK, 2.7.10.2, C-Src kinase, Protein-tyrosine kinase CYL, CSK

Calculated MW

51 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human CSK

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-CSK Rabbit Monoclonal Antibody - Protein Information

Name CSK

Function

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, CSK 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.

Cellular Location

Cytoplasm. Cell membrane. Note=Mainly cytoplasmic, also present in lipid rafts

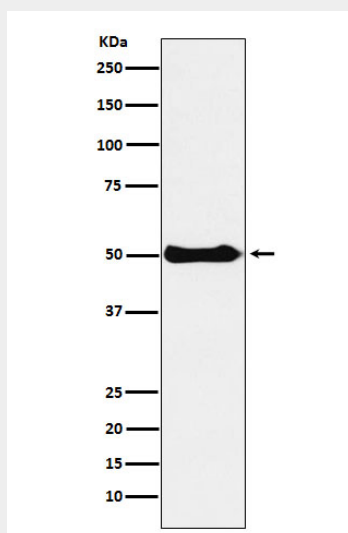
Tissue Location

Expressed in lung and macrophages.

Anti-CSK Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CSK Rabbit Monoclonal Antibody - Images

Western blot analysis of CSK expression in Ramos cell lysate.