

# CSK Rabbit mAb

Catalog No.: A0666 **Recombinant**

## Basic Information

**Catalog No.**

A0666

**Observed MW**

48kDa

**Calculated MW**

50kDa

**Category**

Primary antibody

**Applications**

WB,IHC

**Cross-Reactivity**

Human, Mouse, Rat

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:50 - 1:200

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## 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, 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.

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
1445	P41240

**Immunogen**

A synthesized peptide derived from human CSK

**Synonyms**

## Product Information

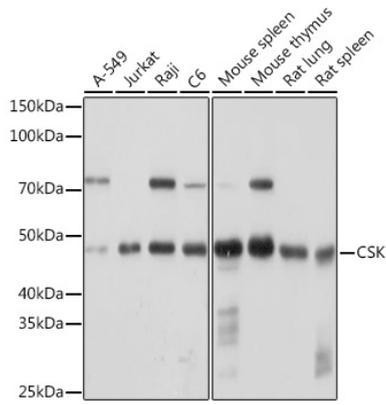
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Rabbit	IgG	Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using CSK Rabbit mAb (A0666) at 1:1000 dilution.

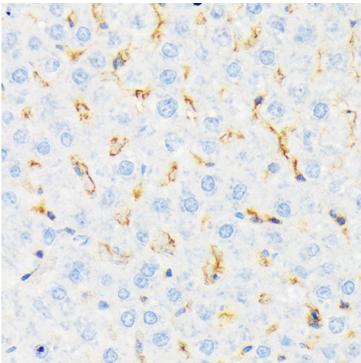
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

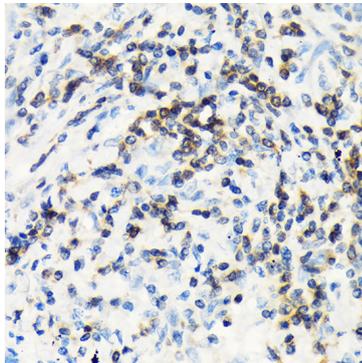
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

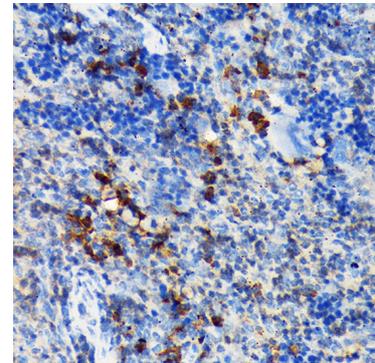
Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat liver using CSK Rabbit mAb (A0666) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using CSK Rabbit mAb (A0666) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using CSK Rabbit mAb (A0666) at dilution of 1:100 (40x lens).