

Datasheet for ABIN1714331  
**anti-CSK antibody (pSer364)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	CSK
Binding Specificity:	pSer364
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CSK around the phosphorylation site of Ser364
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	CSK
Alternative Name:	CSK ( <a href="#">CSK Products</a> )
Background:	<p>Synonyms: CSKphospho S364, p-CSKphospho S364, C SRC, C SRC kinase, C src Tyrosine Kinase, C-SRC kinase, c-src tyrosine kinase, Csk A, CSK, CSK_HUMAN, CYTOPLASMIC TYROSINE KINASE, EC 2.7.10.2, MGC112926, MGC117393, MGC154049, P60 Src, Protein tyrosine kinase CYL, Protein-tyrosine kinase CYL, Proto oncogene tyrosine protein kinase, Tyrosine protein kinase CSK, Tyrosine-protein kinase CSK, zgc:154049.</p> <p>Background: All members of the Src gene family of tyrosine kinases are characterized by a carboxy terminal domain tyrosine which is highly phosphorylated in the inactive form of the enzyme and phosphorylated to a much lesser extent when the enzyme is active. In the case of Src p60, Y527 is this tyrosine, however, a mutant form of c-Src in which Y527 is replaced by phenylalanine is transforming and displays 5- to 10-fold elevated kinase activity compared to its normal counterpart. Csk has been identified as a Src-related tyrosine kinase having both SH2 and SH3 domains and a catalytic domain but lacking sequences amino terminal to the SH3 domain as well as carboxy terminal regulatory sequences. Csk phosphorylates Src on Y527 and also downregulates Lyn, Fyn and Lck by tyrosine phosphorylation of carboxy terminal regulatory sites.</p>
Gene ID:	1445
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">CXCR4-mediated Signaling Events</a>

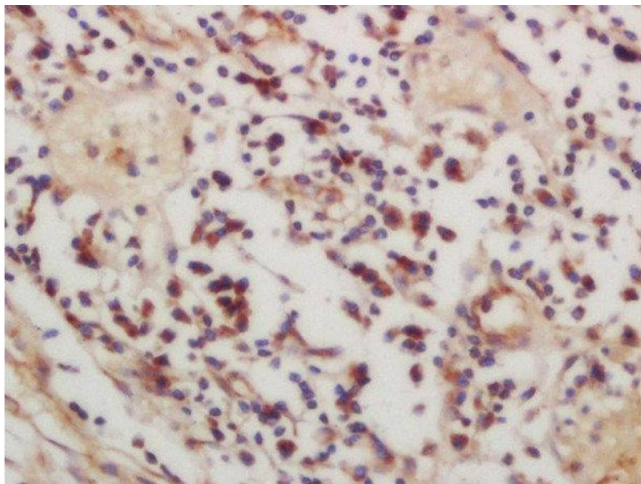
## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded human lung carcinoma labeled with Rabbit Anti-CSK (Ser364) Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining