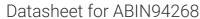
antibodies - online.com







anti-CSK antibody (AA 330-450)

Images



Overview

Quantity:	0.1 mL
Target:	CSK
Binding Specificity:	AA 330-450
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CSK antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Bacterially expressed recombinant fragment of human Csk corresponding to aa 330-450.
Clone:	CSK-04
Isotype:	lgG1
Specificity:	The mouse monoclonal antibody CSK-04 reacts with Csk (C-terminal Src kinase), a 50 kDa intracellular non-receptor protein tyrosine kinase.
Cross-Reactivity (Details):	Human, Mouse, Other not determined
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

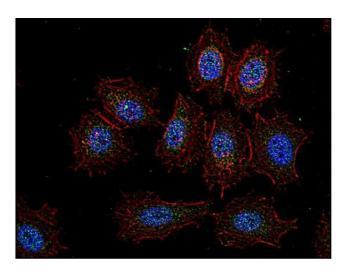
Target:	CSK
Alternative Name:	Csk (CSK Products)
Background:	C-terminal Src kinase,C-terminal Src kinase (Csk) is a non-receptor protein tyrosine kinase
	which resembles Src-family kinases, but unlike them it lacks the conserved
	autophosphorylation site, the regulatory C-terminal tyrosine as well as myristylation and
	palmitylation. Csk negatively regulates Src-family kinases by phosphorylation of their C-termina
	regulatory tyrosine. Disruption of the csk gene causes constitutive activation of Src-family
	kinases, and overexpression of Csk usually counteracts their signaling. The Csk-mediated
	regulation of those Src-family kinases, that are localized in lipid rafts, is enabled by a
	ubiquitously expressed transmembrane adaptor PAG (also known as Cbp, Csk-binding protein),
	which recruits Csk.
Gene ID:	1445
UniProt:	P41240
Pathways:	TCR Signaling, EGFR Signaling Pathway, Cell-Cell Junction Organization, CXCR4-mediated
	Signaling Events
Application Details	
Application Notes:	Immunocytochemistry: Positive control: HeLa human cervix carcinoma cell line.
	Western blotting: The recommended dilution of the antibody CSK-04 is 1:250-1:300, weak non-
	specific band of cca 60 kDa is detected in human cell lines in lower antibody dilutions.
	Immunoprecipitation: The immunosorbent (CSK-04 antibody covalently bound to beads)
	immunoprecipitates Csk from cell lysates.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Do not freeze.

Handling

Storage:	4°C
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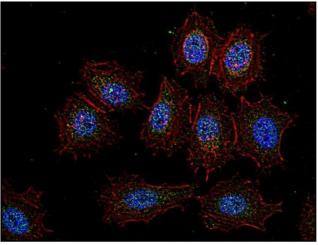
Storage Comment: Store at 2-8°C. Do not freeze.

Images



Immunocytochemistry

Image 1. Immunocytochemistry staining of Csk in human HeLa cell line using anti-Csk (CSK-04, green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).



Immunofluorescence

Image 2. Immunofluorescence staining of Csk in human HeLa cell line using anti-Csk (CSK-04; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).