

## Anti-CSK Purified Monoclonal Antibody

Catalog Number: M00799

### About CSK

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 palmylation. Csk negatively regulates Src-family kinases by phosphorylation of their C-terminal 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.

### Overview

Product Name	Anti-CSK Purified Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-CSK Purified Monoclonal Antibody (Catalog# M00799). Tested in WB, IP, ICC application(s). This antibody reacts with Human, Mouse.
Application	IP, ICC, WB
Clonality	Monoclonal CSK-04
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P41240

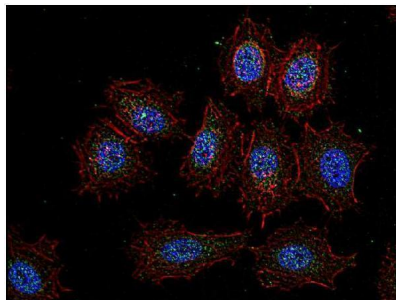
### Technical Details

Immunogen	Bacterially expressed recombinant fragment of human Csk corresponding to aa 330-450. The mouse monoclonal antibody CSK-04 reacts with Csk (C-terminal Src kinase), a 50 kDa intracellular non-receptor protein tyrosine kinase.
Predicted Reactive Species	Primate
Isotype	Mouse IgG1
Form	Liquid
Concentration	1.0 mg/mL by UV absorbance at 280 nm
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	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.

## Anti-CSK Purified Monoclonal Antibody (M00799) Images

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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).

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