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30-1254: Anti-Csk Monoclonal Antibody (Clone:CSK-04)

Clonality :	Monoclonal
Clone Name :	CSK-04
Application :	WB, IP, ICC
Reactivity :	Human, Mouse
Gene :	CSK
Gene ID :	1445
Uniprot ID :	P41240
Format :	Purified
Alternative Name :	CSK
Isotype :	Mouse IgG1
Immunogen Information :	Bacterially expressed recombinant fragment of human Csk corresponding to aa 330-450.

Description

C-terminal Src kinase (Csk) is a non-receptor protein tyrosine kinase which resembles Src-family kinases, but unlike them 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-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.

Product Info

Amount :	0.1 ml
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

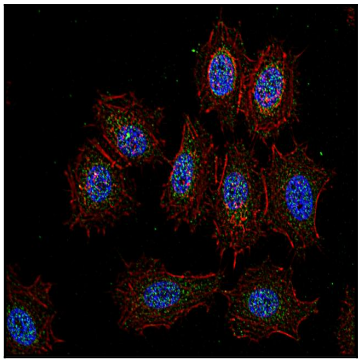

Figure 1: Immunofluorescence staining of Csk in human HeLa cell line using anti-Csk (CSK-04; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).