

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CSK-04
<b>Application :</b>	WB, IP, ICC
<b>Reactivity :</b>	Human, Mouse
<b>Gene :</b>	CSK
<b>Gene ID :</b>	1445
<b>Uniprot ID :</b>	P41240
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CSK
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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 palmitoylation. 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

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

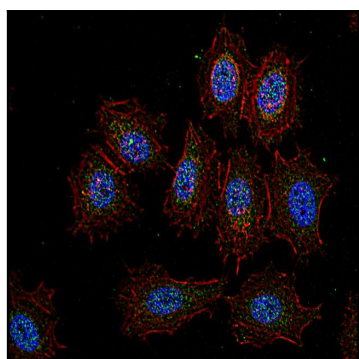


Figure 1: Immunofluorescence staining of Csk in human HeLa cell line using anti-Csk (CSK-04; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).