

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

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| 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 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

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

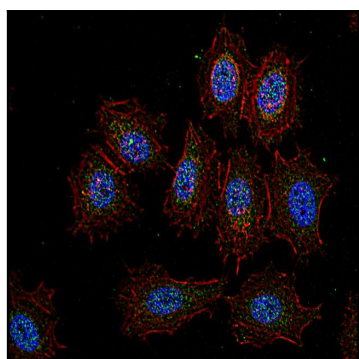


Figure 1: Immunofluorescence staining of Csk in human HeLa cell line using anti-Csk (CSK-04; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).