

## 30-1512: Anti-NCK1 Monoclonal Antibody (Clone:EM-06)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	EM-06
<b>Application :</b>	WB, ICC
<b>Reactivity :</b>	Human, Mouse
<b>Gene :</b>	NCK1
<b>Gene ID :</b>	4690
<b>Uniprot ID :</b>	P16333
<b>Format :</b>	Purified
<b>Alternative Name :</b>	NCK1,NCK
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Purified recombinant second SH3 domain of human Nck1 fused to GST

### Description

NCK1 (NCK alpha) is a cytoplasmic adaptor protein that plays a universal role in coordinating the signaling networks critical for organizing the actin cytoskeleton, cell movement, or axon guidance, connecting transmembrane receptors to multiple intracellular signaling pathways. It contains one SH2 domain, through which NCK1 binds to phosphorylated domains of transmembrane signaling molecules or certain adaptor proteins, and three SH3 domains for binding proline-rich sequences of other molecules involved in the process of nucleation and polymerization of the actin cytoskeleton.

### Product Info

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

### Application Note

**Western Blotting** *Recommended dilution:* 2 Åµg/ml  
*Positive control:* Jurkat cell lysate

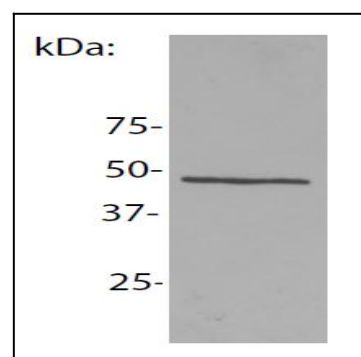


Figure 1: Western blotting analysis of NCK1 in whole cell lysate of mouse lymph node lymphocytes using the antibody EM-06.