

### 32-6177: Mouse Anti Human NCK Adaptor Protein 1(Clone:PAT6B3A)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT6B3A
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	NCK1
<b>Gene ID :</b>	4690
<b>Uniprot ID :</b>	P16333
<b>Format :</b>	Purified
<b>Alternative Name :</b>	NCK,NCK alpha,NCK1,NCK adaptor protein 1,Cytoplasmic protein NCK1,SH2/SH3 adaptor protein NCK-alpha,MGC12668.
<b>Isotype :</b>	Mouse IgG3 heavy chain and Kappa light chain.
<b>Immunogen Information :</b>	Anti-human NCK1 mAb, clone PAT6B3A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human NCK1 protein 1-377 amino acids purified from E. coli.

#### Description

NCK1 is an adapter protein which binds with tyrosine-phosphorylated growth factor receptors or their cellular substrates. NCK1 maintains low levels of EIF2S1 phosphorylation by promoting its dephosphorylation by PP1. NCK1 is involved in the DNA damage response, for efficient activation of downstream effectors, such as that of CHEK2. NCK1 is one of the signaling and transforming proteins containing Src homology 2 and 3 (SH2 and SH3) domains. NCK1 is located in the cytoplasm and is an adaptor protein that participates in transducing signals from receptor tyrosine kinases to downstream signal recipients such as RAS.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	NCK1 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:2000.