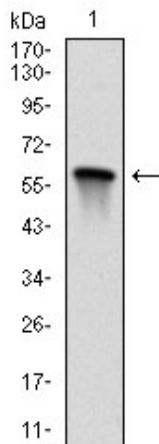




MKK7

Mouse monoclonal Antibody

#53823

**Catalog Number:** 53823**Amount:** 100µg/100µl**Swiss-Prot No. :** O14733**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human MKK7 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of MKK7 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 48kd WB: 1:500-2000 IHC/ ICC:1:200-1000

Western blot analysis using MAP2K7 mAb against human MAP2K7 (AA: 7-178) recombinant protein.  
(Expected MW is 45.1 kDa)

**Background:**

The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2, MAP3K3/MEKK5, and MAP4K2/GCK.