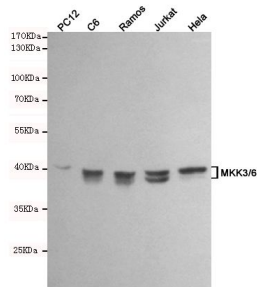


**MKK3/6****Mouse monoclonal Antibody****#53768****Catalog Number:** 53768**Amount:** 100µg/100µl**Swiss-Prot No. :** P52564**Gene name:**map2k3**Gene id:**5608**Clone Number:** 8A11-G11-G11**Form of Antibody:**Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human MKK3/6 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:**This antibody detects endogenous levels of MKK3/6 and does not cross-react with related proteins**Reactivity:** Human,Rat**Applications:** Predicted MW: 40kd WB: 1:1000

Western blot analysis of extracts from PC12,C6,Ramos,Jurkat and HeLa cell lysates using MKK3/6 mouse mAb(1:1000 diluted).Predicted band size:40KDa.Observed band size:40KDa.

Background:

This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.