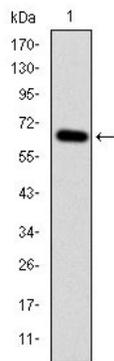


**MEKK2****Mouse monoclonal Antibody****#53822****Catalog Number:** 53822**Amount:** 100µg/100µl**Swiss-Prot No. :**Q9Y2U5**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human MEKK2 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of MEKK2 and does not cross-react with related proteins**Reactivity:** Human**Applications:** Predicted MW: 70kd WB: 1:500-2000 ICC:1:200-1000

Western blot analysis using MEKK2 mAb against human MEKK2 (AA: 148-359) recombinant protein.
(Expected MW is 70 kDa)

Background:

The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates the kinases involved in the MAP kinase signaling pathway including MAPK7 and MAP2K4. This kinase has been shown to directly phosphorylate and activate I kappa B kinases (IKKs), and thus plays a role in NF-kappa B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2 (PRKCL2/PRK2), which suggests its involvement in PRKCL2 regulated signaling process