



MAP4K4

Mouse monoclonal Antibody

#53819

Catalog Number: 53819

Amount: 100µg/100µl

Swiss-Prot No. : O95819

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

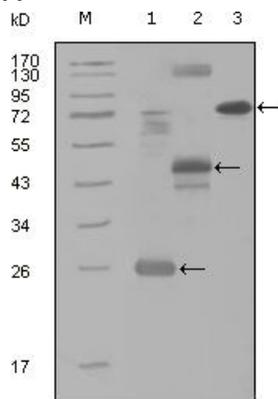
Immunogen: Purified recombinant human MAP4K4 protein fragments expressed in E.coli

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of MAP4K4 and does not cross-react with related proteins

Reactivity: Human, Human, Mouse, Rat, Monkey

Applications: Predicted MW: 142kd WB: 1:500-2000



Western blot analysis using MAP4K4 mouse mAb against truncated Trx-MAP4K4 recombinant protein (1), MBP-MAP4K4 (aa300-400) recombinant protein (2) and MAP4K4(aa194-436)-hlgGfc transfected CHO-K1 cell lysate(3).

Background:

a Ser/Thr kinase of the STE20 subfamily. May play a role in the response to environmental stress and cytokines such as TNF-alpha. May interact with the SH3 domain of the adapter proteins Nck. Binds, via its CNH regulatory domain, to the N- terminal region of SPG3A. Upregulated in primary tumors and tumor cell lines. Required for anchorage-independent growth and ras-dependent focus formation in multiple cell lines. 5 isoforms of the human protein are produced by alternative splicing