

Anti-TAK1 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M012348

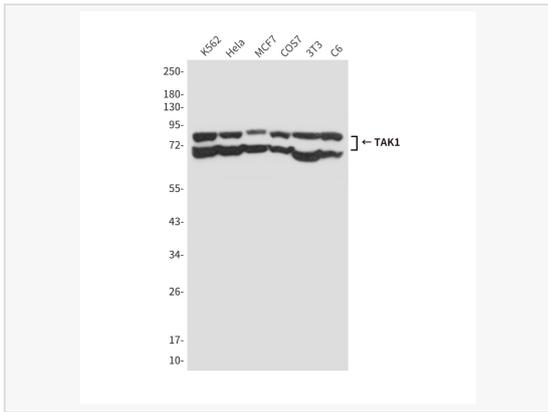
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse (Cell), Rat, Monkey
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	34K80L42
Isotype	IgG2b
Label	Unconjugated
Immunogen	Purified recombinant human TAK1 protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TAK1 antibody [34K80L42] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MAP3K7, TAK1, Mitogen-activated protein kinase kinase kinase 7, Transforming growth factor-beta-activated kinase 1, TGF-beta-activated kinase 1.
Calculated MW	Calculated MW: 67 kDa; Observed MW: 67,78 kDa
Uniprot ID	O43318
Gene ID	6885
Background	Component of a protein kinase signal transduction cascade. Mediator of TRAF6 and TGF-beta signal transduction. Activates IKBKB and MAPK8 in response to TRAF6 signaling. Stimulates NF-kappa-B activation and the p38 MAPK pathway. In osmotic stress signaling, plays a major role in the activation of MAPK8/JNK, but not that of NF-kappa-B.

Validation Images



Western blot analysis of TAK1 in K562, HeLa, MCF-7, COS7, 3T3 and C6 lysates using TAK1 antibody.