PHOSPHO-TAK1 (SER439) RABBIT MAB

Cat.#: N262968

Product Name: Anti-Phospho-TAK1 (Ser439) Rabbit Monoclonal Antibody

Synonyms: MAP3K7; TAK1; Mitogen-activated protein kinase kinase kinase 7; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1

UNIPROT ID: O43318

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.

Immunogen: A synthetic phosphopeptide corresponding to residues surrounding Ser439 of human TAK1

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R07-7K2

MW: Calculated MW: 67 kDa; Observed MW: 78 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

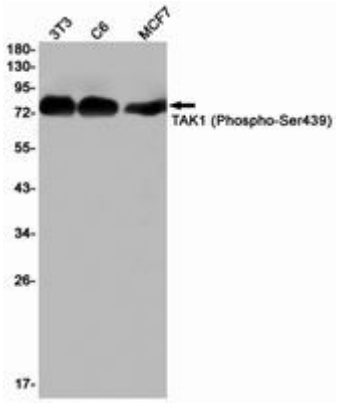
Conjugation: Unconjugated

Modification: Phosphorylated

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of TAK1 (Phospho-Ser439) in 3T3, C6, MCF-7 lysates using Phospho-TAK1 (Ser439) antibody.