

Anti-RPS6KA3 Antibody (1W872)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 84 kDa. Actual: 98 kDa.
Clone:	1W872
Purification:	Protein A purified

Applications

Verified Activity:	Western blot analysis of MCF7 cell lysate. Using RPS6KA3 (TMAB-12371) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB,IHC-P,IHC-Fr,FCM,IF
Recommended	WB: 1:1000-2000; IHC-P: 1:100-200; IHC-Fr: 1:100-200; FCM: 1:50-100; IF: 1:100-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human p90 S6K alpha 3
Antigen Species:	Human
Gene ID:	6197
Uniprot ID:	P51812

Research Background

Serine/threonine-protein kinase that acts downstream of ERK (MAPK1/ERK2 and MAPK3/ERK1) signaling and mediates mitogenic and stress-induced activation of the transcription factors CREB1, ETV1/ER81 and NR4A1/NUR77, regulates translation through RPS6 and EIF4B phosphorylation, and mediates cellular proliferation, survival, and differentiation by modulating mTOR signaling and repressing pro-apoptotic function of BAD and DAPK1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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