

Anti-MAPK1/MAPK3 Antibody (1S651)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Mouse
Conjugation:	Unconjugated
Clone:	1S651
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: THP-1 whole cell lysate, HEPG2 whole cell lysate, MCF7 whole cell lysate, 293 whole cell lysate, K562 whole cell lysate, PC-3 whole cell lysate, Mouse brain tissue lysate-All lanes: ERK1/2 antibody at 1:1000-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 42,44 kDa-Observed band size: 42,44 kDa <p>2. IHC image of TMAH-00728 diluted at 1:50 and staining in paraffin-embedded human stomach tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.64% DAB.</p> <p>3. Overlay Peak curve showing Hela cells surface stained with TMAH-00728 (red line) at 1:50. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1 µg/1*10⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1 µg/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.</p>
Application:	ELISA, FCM, IHC, WB
Recommended	WB: 1:500-1:2000; IHC: 1:50-1:200; FCM: 1:50-1:200.

Properties

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

Antigen Details

Immunogen: A synthetic peptide: Human MAPK1/MAPK3

Antigen Species: Human

Uniprot ID: P27361/P28482

Synonyms: Mitogen-activated protein kinase 2;Mitogen-activated protein kinase 1;PRKM3;MAP kinase isoform p44;MAPK1;ERT2;ERT1;Insulin-stimulated MAP2 kinase;Extracellular signal-regulated kinase 2;MAPK 1;MAP kinase 3;MAP kinase 1;MAPK3;Extracellular signal-regulated kinase 1; p44-ERK1;Microtubule-associated protein 2 kinase;EC 2.7.11.24;MAPK 3;ERK-2;p44-MAPK;MAP kinase 2;PRKM2;p42-MAPK;MAPK 2;ERK-1;MAP kinase isoform p42;Mitogen-activated protein kinase 3;PRKM1;ERK1;ERK2

Biology Area: Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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