

Anti-Phospho-MAPK1/MAPK3-T202/Y204 & T185/Y187 antibody (STJ110835)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

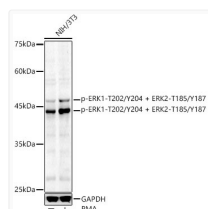
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa/41kDa/38kDa/40kDa/43kDa Observed Mw: 44kDa/42kDa/
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

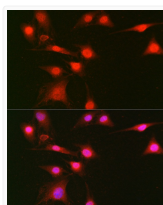
Gene ID	5595 5594
Gene Symbol	MAPK3 MAPK1
UniProt ID	MK03_HUMAN MK01_HUMAN
Immunogen Sequence	LTEYV
Specificity	A synthetic phosphorylated peptide around T185 & Y187 of human ERK2/MAPK1 (NP_002736.3).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from NIH/3T3 cells using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 Rabbit pAb (STJ110835) at 1:1000 dilution. NIH/3T3 cells were treated by PMA/TPA (200 nM) at 37 °C for 30 minutes after serum-starvation overnight.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 180s.



Western blot analysis of lysates from C6 cells using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 Rabbit pAb (STJ110835) at 1:1000 dilution incubated overnight at 4 °C. C6 cells were treated by PMA (200 nM) at 37 °C for 10 minutes after serum-starvation overnight.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 30 μ g per lane.
 Blocking buffer: 3 % nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 45s.