

Anti-Phospho-MAPK3-T202 antibody (STJ22261)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

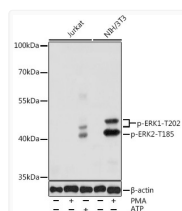
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 IF/CC:1:20-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 38kDa/40kDa/43kDa Observed Mw: 42kDa/44kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

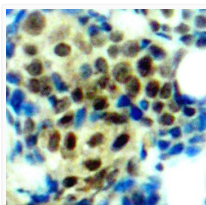
Gene ID	5595 5594
Gene Symbol	MAPK3 MAPK1
UniProt ID	MK03_HUMAN MK01_HUMAN
Immunogen Sequence	FLTEY
Specificity	A synthetic phosphorylated peptide around T202 of human ERK1/ERK2 (NP_002737.2).

ADDITIONAL INFORMATION

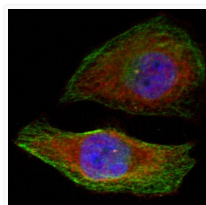
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using Phospho-ERK1-T202 + ERK2-T185 Rabbit pAb (STJ22261) at 1:1000 dilution. Jurkat and NIH/3T3 cells were treated by PMA/TPA (200 nM) at 37 °C for 30 minutes after serum-starvation overnight. Jurkat cells were treated by ATP (5 mM) at 30 °C for 1 hour.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue, using Phospho-ERK1-T202 + ERK2-T185 Rabbit pAb (STJ22261). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.



Immunofluorescence analysis of methanol-fixed HeLa cells showing cytoplasmic, nuclear staining using Phospho-ERK1-T202 + ERK2-T185 Rabbit pAb (STJ22261).