

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

STJ110835

GENERAL INFORMATION

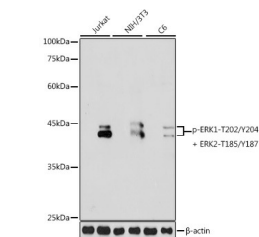
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

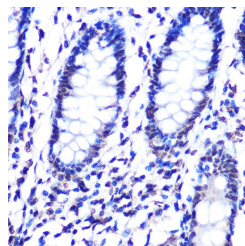
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

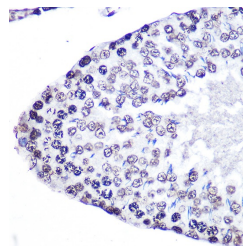
Gene ID	5594 5595
Gene Symbol	MAPK1 MAPK3
Uniprot ID	MK01_HUMAN MK03_HUMAN
Immunogen	LTEYV
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around T185 & Y187 of human ERK2MAPK1 (NP_002736.3).
Immunogen Sequence	LTEYV



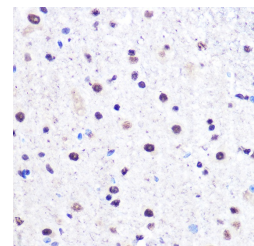
Western blot analysis of extracts of various cell lines, using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 antibody (STJ110835) at 1:1000 dilution. Jurkat cells and NIH/3T3 cells and C6 cells were treated by PMA/TPA (200 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human colon using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 rabbit polyclonal antibody (STJ110835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded rat testis using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 rabbit polyclonal antibody (STJ110835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded mouse spinal cord using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 rabbit polyclonal antibody (STJ110835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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