Anti-MAPK1/MAPK3 antibody (200-300) (STJ119100)

STJ119100

GENERAL INFORMATION

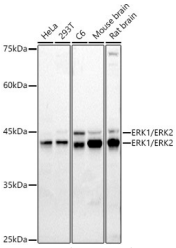
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-ERK1/ERK2 (200-300) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence.
Applications WB, IHC, IF
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

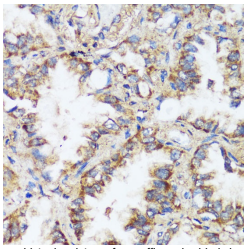
Clonality Polyclonal
Clone ID
Concentration
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB 1:1000-1:2000
IHC 1:50-1:200
IF 1:50-1:200
Formulation PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype IgG
Storage Instruction Store in a freezer at-20°C and avoid freeze-thaw cycles.

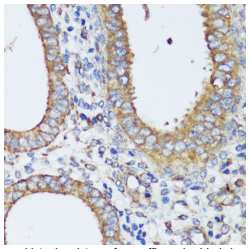
TARGET INFORMATION

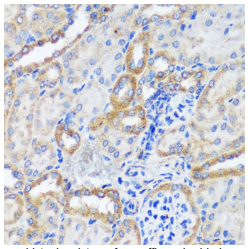
Gene ID 5594
5595
Gene Symbol MAPK1
MAPK3
Uniprot ID MK01_HUMAN
MK03_HUMAN
Immunogen A synthetic peptide corresponding to a sequence within amino acids 200-300 of human ERK1/ERK2 (NP_620407.1/NP_002737.2).
Immunogen Region 200-300
Specificity
Immunogen Sequence



Western blot analysis of extracts of various cell lines, using ERK1/ERK2 antibody (STJ119100) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.


Immunohistochemistry of paraffin-embedded human lung cancer using ERK1/ ERK2 antibody (STJ119100) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.


Immunohistochemistry of paraffin-embedded human uterine cancer using ERK1/ ERK2 antibody (STJ119100) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.


Immunohistochemistry of paraffin-embedded mouse kidney using ERK1/ ERK2 antibody (STJ119100) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081