

Anti-ERK2/MAPK1 antibody (Internal) (STJ70635)

STJ70635

GENERAL INFORMATION

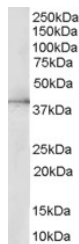
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-ERK2/MAPK1 (Internal) is suitable for use in ELISA, Immunofluorescence and Flow Cytometry research applications.
Applications	Pep-ELISA, IF, FC
Host/Source	Goat
Reactivity	Human, Mouse, Rat, Dog, Cow

PRODUCT PROPERTIES

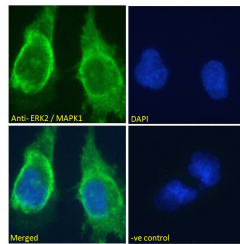
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	WB-0.5-2µg/ml IF-Strong expression of the protein seen in the cytoplasm of U251 cells. 10µg/ml ELISA-antibody detection limit dilution 1:8000.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Isotype	IgG
Storage Instruction	Store at -20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	5594
Gene Symbol	MAPK1
Uniprot ID	MK01_HUMAN
Immunogen	
Immunogen Region	Internal
Specificity	This antibody is expected to recognise an epitope corresponding to aa 9-19 of both reported protein isoforms of human ERK2/MAPK1 protein.
Immunogen Sequence	CAAGPEMVRGQVF



STJ70635 (0.5µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70635 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) - showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).

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