

Anti-MAPK1/MAPK3 antibody [ARC0212] (STJ11102154)

STJ11102154

GENERAL INFORMATION

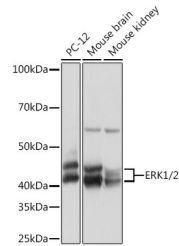
Product Type	Primary antibodies
Short Description	Rabbit monoclonal antibody anti-ERK1/2 is suitable for use in Western Blot and Immunohistochemistry.
Applications	WB, IHC
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

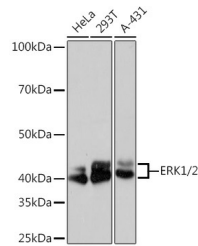
Clonality	Monoclonal
Clone ID	ARC0212
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IHC 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

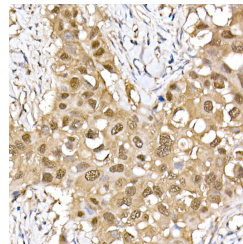
Gene ID	5594 5595
Gene Symbol	MAPK1 MAPK3
Uniprot ID	MK01_HUMAN MK03_HUMAN
Immunogen	A synthesized peptide derived from human ERK1/2
Immunogen Region	
Specificity	
Immunogen Sequence	



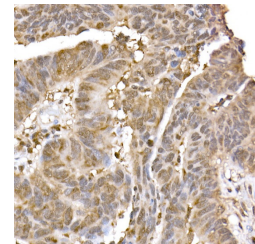
Western blot analysis of extracts of various cell lines, using ERK1/2 rabbit monoclonal antibody (STJ11102154) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using ERK1/2 rabbit monoclonal antibody (STJ11102154) 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 breast cancer using ERK1/2 rabbit monoclonal antibody (STJ11102154) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6, 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded human colon carcinoma using ERK1/2 rabbit monoclonal antibody (STJ11102154) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer, pH 6, 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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