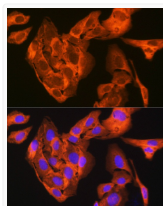
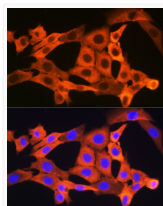


Anti-MAPK8 antibody (1-383) [S2MR] (STJ11102232)

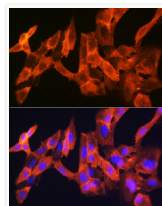
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 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, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 35kDa/44kDa/48kDa Observed Mw: 40kDa/50kDa
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	5599 5602
Gene Symbol	MAPK8 MAPK10
UniProt ID	MK08_HUMAN MK10_HUMAN
Immunogen Region	1-383
Immunogen Sequence	MSRSKRDNNFYSVEIGDSTF TVLKRYQNLKPIGSGAQQIV CAAYDAILERNVAIKKLSRP FQNQTHAKRAYRELVLKMCV NHKNIIGLLNVFTPQKSLEE FQDVYIVMELMDANLCQVIQ MELDHERMSYLLYQMLCGIK HLHSAGIIHRDLKPSNIVVK SDCTLKILDFGLARTAGTSF MMTPYVVVTRYRAPEVILGM GYKENVDLWSVGCIMGEMVC HKILFPGRDYIDQWNKVIE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-383 of human JNK1 (P45983). This antibody does not cross react with JNK2 protein.
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



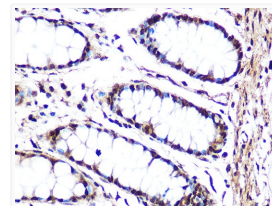
Immunofluorescence analysis of U-2 OS cells using JNK1/JNK3 Rabbit monoclonal antibody (STJ11102232) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



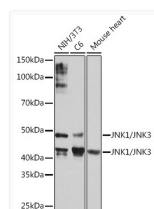
Immunofluorescence analysis of NIH/3T3 cells using JNK1/JNK3 Rabbit monoclonal antibody (STJ11102232) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using JNK1/JNK3 Rabbit monoclonal antibody (STJ11102232) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of JNK1/JNK3 in paraffin-embedded human colon using JNK1/JNK3 Rabbit monoclonal antibody (STJ11102232) 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.



Western blot analysis of various lysates using JNK1/JNK3 Rabbit monoclonal antibody (STJ11102232) at 1:1000 dilution. Secondary antibody: HRP 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: 1min.