

Anti-Phospho-JNK1 + JNK2 + JNK3-T183/Y185-T183/Y185-T221/Y223 antibody [S5826RM] (STJ11105826)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

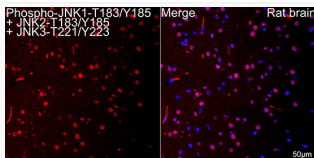
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 48kDa/52kDa Observed Mw: 46kDa/54kDa/
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

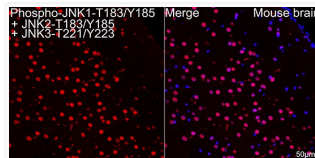
Gene ID	5599 5602 5601 MAPK8 MAPK10 MK08_HUMAN MK10_HUMAN MK09_HUMAN
Immunogen Sequence	MMTPYVV
Specificity	A synthetic phosphorylated peptide around T183 of human MAPK8 (NP_620637.1).

ADDITIONAL INFORMATION

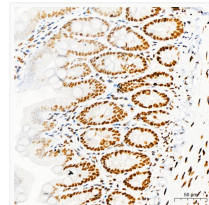
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



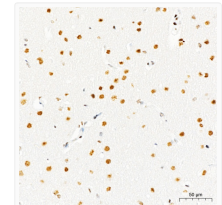
Confocal imaging of paraffin-embedded Rat brain tissue using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to IF staining. Objective: 40x.



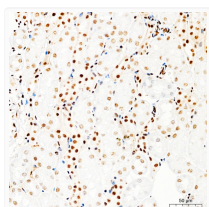
Confocal imaging of paraffin-embedded Mouse brain tissue using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to IF staining. Objective: 40x.



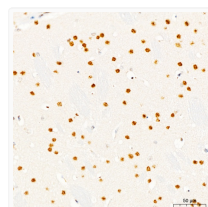
Immunohistochemistry analysis of Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 in paraffin-embedded Rat colon tissue using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



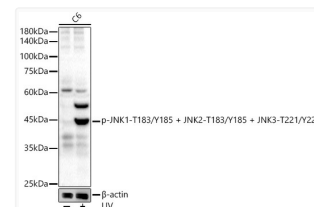
Immunohistochemistry analysis of Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 in paraffin-embedded Rat brain tissue using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



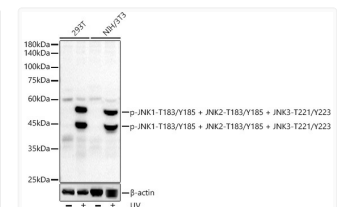
Immunohistochemistry analysis of Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 in paraffin-embedded Mouse kidney tissue using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 in paraffin-embedded Mouse brain tissue using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Western blot analysis of various lysates, using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826) at 1:2000 dilution. C6 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of various lysates, using Phospho-JNK1-T183/Y185 + JNK2-T183/Y185 + JNK3-T221/Y223 Rabbit monoclonal antibody (STJ11105826) at 1:2000 dilution. 293T and NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.