

## Phospho-JNK1/2/3(T183+T183+T221) Recombinant Rabbit mAb

Catalog Number: bsm-52462R

Target Protein: Phospho-JNK1/2/3(T183+T183+T221)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 6C10

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1:20-100), ICC/IF (1:20-50)

Reactivity: Human, Mouse, Rat

Predicted MW: 42 kDa

Entrez Gene: 5599

Swiss Prot: P45983

Source: KLH conjugated Synthesised phosphopeptide derived from human JNK1/JNK2/JNK3 around the phosphorylation site of T183/T183/T221: MM(p-T)PY .

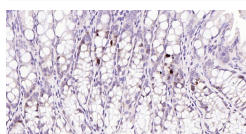
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

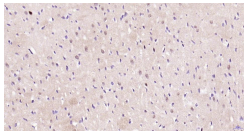
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: phosphorylated at the Thr-Pro-Tyr phosphorylation motif instead of the characteristic MAP kinase Thr-Glu-Tyr motif. JNK2 (p54a, SAPK1a), along with JNK1 and JNK3, is thought to play an important role in nuclear signal transduction through its environmental stress activation and subsequent phosphorylation of the nuclear transcription factor p53.

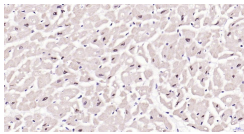
### VALIDATION IMAGES



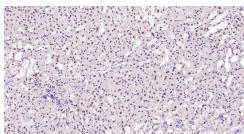
Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-JNK1 2 3(T183+T183+T221) Monoclonal Antibody, Unconjugated(bsm-52462R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-JNK1 2 3(T183+T183+T221) Monoclonal Antibody, Unconjugated(bsm-52462R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Heart; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-JNK1 2 3(T183+T183+T221) Monoclonal Antibody, Unconjugated(bsm-52462R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Phospho-JNK1 2 3(T183+T183+T221) Monoclonal Antibody, Unconjugated(bsm-52462R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.

## PRODUCT SPECIFIC PUBLICATIONS

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[IF=7.9] Keyi Nong. et al. Potential effects and mechanism of flavonoids extract of *Callicarpa nudiflora* Hook on DSS-induced colitis in mice. PHYTOMEDICINE. 2024 Jun;128:155523 WB ; Mouse . 38489893

[IF=8.2] Xinyun Qin. et al. Regulation of the intestinal flora using polysaccharides from *Callicarpa nudiflora* Hook to alleviate ulcerative colitis and the molecular mechanisms involved. INT J BIOL MACROMOL. 2024 Feb;258:128887 WB ; Mouse . 38118262

[IF=8.2] Yun-shan Wei. et al. Regulation of the colon-targeted release rate of lactoferrin by constructing hydrophobic ethyl cellulose/pectin composite nanofibrous carrier and its effect on anti-colon cancer activity. INT J BIOL MACROMOL. 2024 Mar;261:129466 WB ; Human . 38242414

[IF=5.6] Xinyun Qin. et al. Porcine-derived antimicrobial peptide PR39 alleviates DSS-induced colitis via the NF-κB/MAPK pathway. INT IMMUNOPHARMACOL. 2024 Jan;127:111385 WB ; Mouse . 38113690

[IF=6.1] Zhineng Liu. et al. Oral administration of LfcinB alleviates DSS-induced colitis by improving the intestinal barrier and microbiota. FOOD FUNCT. 2024 Jan;; WB ; MOUSE . 10.1039/D3FO05236B