

bsm-52462R**[Primary Antibody]****Bioss**
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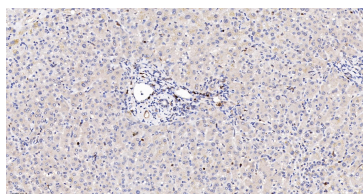
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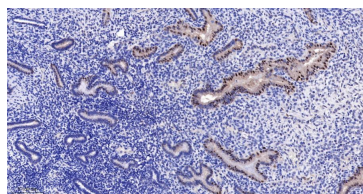
400-901-9800

**phospho-JNK1/2/3(T183+T183+T221)
Recombinant Rabbit mAb****DATASHEET**

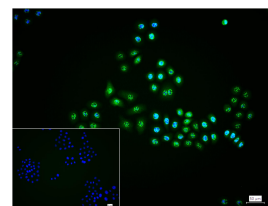
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:50-200) Reactivity: Human Predicted MW.: 42 kDa Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 6C10	
GeneID: 5599	SWISS: P45983	
Target: JNK1/2/3(T183+T183+T221)		
Immunogen: A synthesized peptide derived from human JNK1 around the phosphorylation site of T183: FMM-pT-PY.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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 Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated 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 bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated 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 bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed HeLa (treated with 100 ng/ml EGF for 20 mins) (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Phospho-JNK1/2/3(T183+T183+T221)) monoclonal Antibody, unconjugated (bsm-52462R) 1:100, 90 min at 37°C; followed by BF488 conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.

SELECTED CITATIONS

- **[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=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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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