

bsm-52170R**[Primary Antibody]****BioSS**
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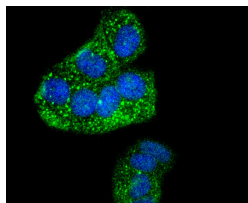
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400-901-9800

phospho-IRF3 (Ser386) Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-1000) IHC-P (1:100-500) IHC-F (1:50-200) IF (1:50-200) ICC/IF (1:50) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 47 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Recombinant	CloneNo.: 28C3	
GeneID: 3661	SWISS: Q14653	
Target: phospho-IRF3 (Ser386)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human IRF3 around the phosphorylation site of Ser386: S(p-S)LE.		
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: This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011].		

— VALIDATION IMAGES —

MCF7 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer(normal goat serum) at 37°C for 20 min; Antibody incubation with (Phospho-IRF3(S386)) monoclonal Antibody, Unconjugated (bsm-52170R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS —

- **[IF=5.6]** Lihui Chen. et al. Bmp4 in Zebrafish Enhances Antiviral Innate Immunity through p38 MAPK (Mitogen-Activated Protein Kinases) Pathway. INT J MOL SCI. 2023 Jan;24(19):14444 WB ;Zebrafish. 37833891
- **[IF=5.4]** Jiawei Sun. et al. High Manganese Content of Lipid NanoMn (LNM) by Microfluidic Technology for Enhancing Anti-Tumor Immunity. PHARMACEUTICS. 2024 Apr;16(4):556 WB ;Mouse. 38675217
- **[IF=4.165]** Shenjie Zhong. et al. Bmp8a is an essential positive regulator of antiviral immunity in zebrafish. Commun Biol. 2021 Mar;4(1):1-15 WB ;Zebrafish. 33750893

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