bsm-52170R **[Primary Antibody]**

phospho-IRF3 (Ser386) Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 28C3
GeneID: 3661
SWISS: Q14653
Target: 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].

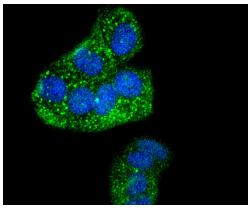
Applications: **WB** (1:500-1000)
IHC-P (1:100-500)
IHC-F (1:50-200)
IF (1:50-200)
ICC/IF (1:50)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog)

Predicted MW.: 47 kDa

Subcellular Location: Cytoplasm ,Nucleus

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