

bsm-52114R**[Primary Antibody]****BioSS**
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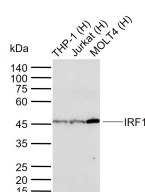
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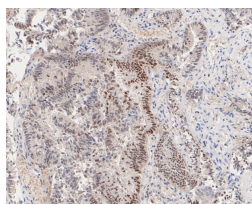
400-901-9800

IRF1 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Flow-Cyt (1:50-100) ICC/IF (1:50-200)
Clonality: Recombinant	CloneNo.: 3G7	
GeneID: 3659	SWISS: P10914	
Target: IRF1		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Reactivity: Human
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.		Predicted MW.: 37 kDa
Background: IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression.		Subcellular Location: Nucleus

— VALIDATION IMAGES —

Sample: Lane 1: Human THP-1 cell lysates Lane 2: Human Jurkat cell lysates Lane 3: Human MOLT4 cell lysates Primary: Anti-IRF1 (bsm-52114R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kDa Observed band size: 46 kDa



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IRF1) Monoclonal Antibody, Unconjugated (bsm-52114R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.36]** Pengcheng Zhou. et al. Tiao-bu-fei-shen formula promotes downregulation of the caveolin 1-p38 mapk signaling pathway in COPD - Associated tracheobronchomalacia cell model. J ETHNOPHARMACOL. J Ethnopharmacol. 2022 Apr;;115256 WB ;Mouse. 35367574
- **[IF=3.448]** Yang T et al. Mechanism of berberine in treating Helicobacter pylori induced chronic atrophic gastritis through IRF8-IFN-γ signaling axis suppressing. Life Sci. 2020 Feb 22;248:117456. WB ;Rat. 32097666