

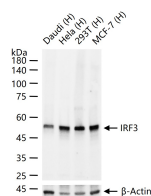
**bsm-52116R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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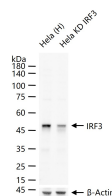
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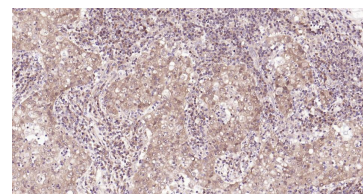
400-901-9800

**IRF3 Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 3661**Target:** IRF3**Immunogen:** A synthesized peptide derived from human IRF3: 82-123.**Purification:** affinity purified by Protein A**Concentration:** 1mg/1ml**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].**Isotype:** IgG**CloneNo.:** 4C3**SWISS:** Q14653**Applications:** WB (1:1000-5000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse  
(predicted: Rat)**Predicted  
MW.:** 47 kDa**Subcellular  
Location:** Cytoplasm ,Nucleus**VALIDATION IMAGES**

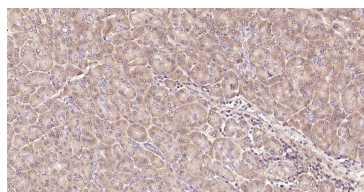
25 ug total protein per lane of various lysates (see on figure) probed with IRF3 monoclonal antibody, unconjugated (bsm-52116R) at 1:3000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



25 ug total protein per lane of various lysates (see on figure) probed with IRF3 monoclonal antibody, unconjugated (bsm-52116R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with IRF3 Monoclonal Antibody, Unconjugated(bsm-52116R) at 1:300 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with IRF3 Monoclonal Antibody, Unconjugated(bsm-52116R) at 1:300 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

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

## — SELECTED CITATIONS —

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- **[IF=10.8]** Yeyang Wu. et al. Nuclear-targeted chimeric peptide nanorods to amplify innate anti-tumor immunity through localized DNA damage and STING activation. J CONTROL RELEASE. 2024 May;369:531 WB ;Mouse. 38580138