

# Product Datasheet

## IRF1 Antibody (SR44-08) NBP2-67330

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67330**

IRF1 Antibody (SR44-08)

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 100 ul   |
| <b>Concentration</b> | 1 mg/ml  |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>     | Monoclonal   |
| <b>Clone</b>         | SR44-08  |
| <b>Preservative</b>  | 0.05% Sodium Azide   |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Protein A purified   |
| <b>Buffer</b>        | TBS (pH7.4), 0.05% BSA, 40% Glycerol   |

**Product Description**

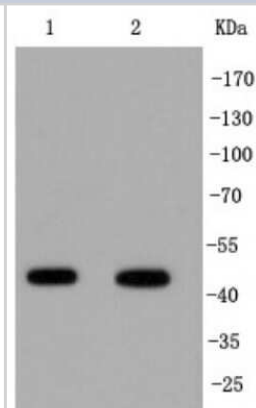
|                    |  |
|--------------------|--|
| <b>Host</b>        | Rabbit   |
| <b>Gene Symbol</b> | IRF1   |
| <b>Species</b>     | Human, Mouse, Rat  |
| <b>Immunogen</b>   | Recombinant protein within Human IRF1 aa 86-325 / 325. (SwissProt: P10914 Human; SwissProt: P15314 Mouse; SwissProt: P23570 Rat) |

**Product Application Details**

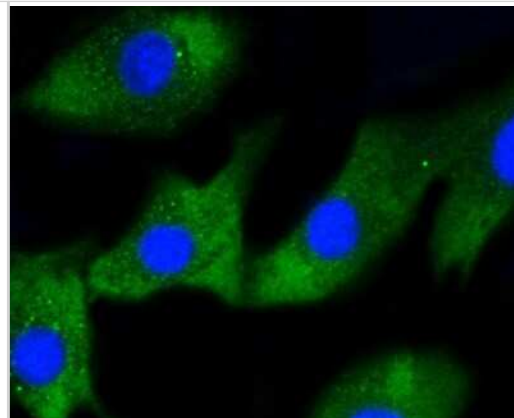
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation   |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200 |
| <b>Application Notes</b>     | IP: Use at an assay dependent concentration.  |

**Images**

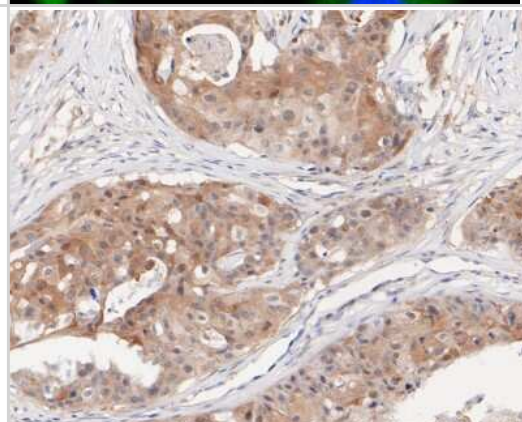
Western Blot: IRF1 Antibody (SR44-08) [NBP2-67330] - Analysis of IRF1 on different lysates using anti-IRF1 antibody at 1/1,000 dilution. Positive control: Lane 1: PC-12 Lane 2: Jurkat



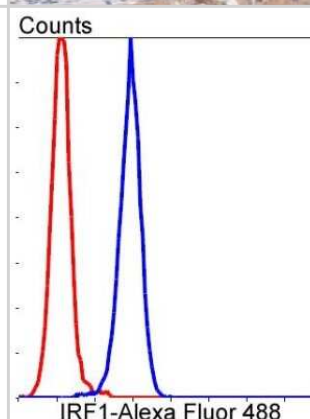
**Immunocytochemistry/Immunofluorescence: IRF1 Antibody (SR44-08) [NBP2-67330]** - Staining IRF1 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



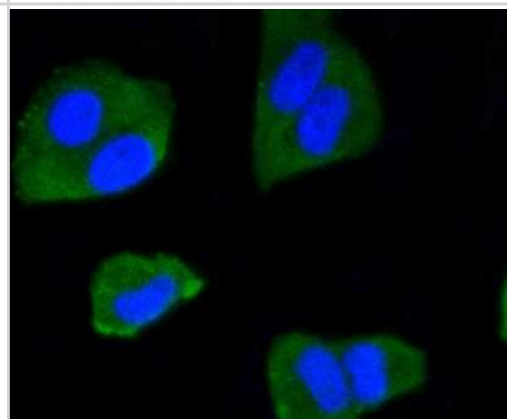
**Immunohistochemistry-Paraffin: IRF1 Antibody (SR44-08) [NBP2-67330]** - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-IRF1 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5%



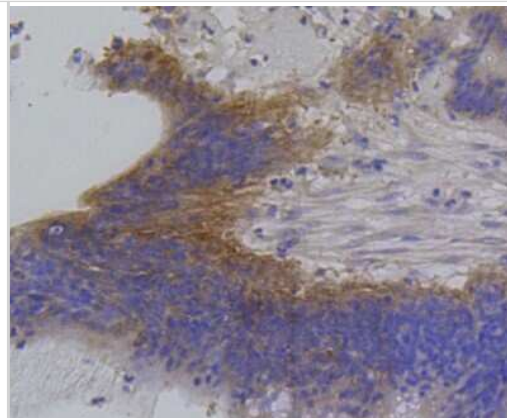
**Flow Cytometry: IRF1 Antibody (SR44-08) [NBP2-67330]** - Analysis of Jurkat cells with IRF1 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



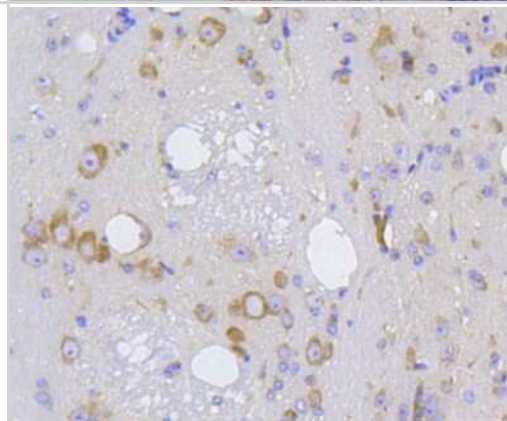
**Immunocytochemistry/Immunofluorescence: IRF1 Antibody (SR44-08) [NBP2-67330]** - Staining IRF1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: IRF1 Antibody (SR44-08) [NBP2-67330]  
- Analysis of paraffin-embedded human colon cancer tissue using anti-IRF1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: IRF1 Antibody (SR44-08) [NBP2-67330]  
- Analysis of paraffin-embedded mouse brain tissue using anti-IRF1 antibody. Counter stained with hematoxylin.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.  
Primary Antibodies are guaranteed for 1 year from date of receipt.

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