

# Product Datasheet

## IRF3 Antibody (3F10) - BSA Free NBP1-04308

Unit Size: 0.1 ml

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

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### Publications: 1

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**NBP1-04308**

IRF3 Antibody (3F10) - BSA Free

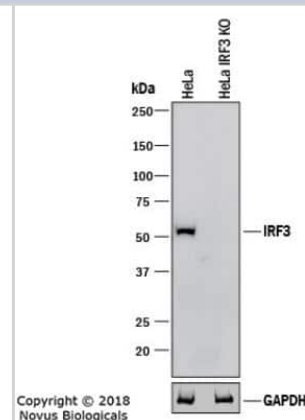
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F10
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse IRF3 Antibody (3F10) - BSA Free (NBP1-04308) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-IRF3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3661
Gene Symbol	IRF3
Species	Human
Immunogen	Recombinant human IRF3 (108-166aa) purified from E. coli

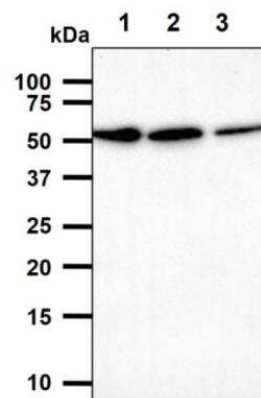
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Knockout Validated, Single Cell Western
Recommended Dilutions	Western Blot 1:1000-1:3000, Flow Cytometry, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:500, Knockout Validated, Single Cell Western 100 ug/ml

**Images**

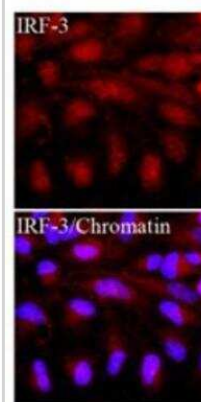
Western Blot: IRF3 Antibody (3F10) [NBP1-04308] - Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and IRF3 knockout (KO) HeLa cell line. PVDF membrane was probed with 1:1000 of Mouse Anti-Human IRF3 Monoclonal Antibody (Catalog # NBP1-04308) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog #HAF018). Specific band was detected for IRF3 at approximately 55 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions.



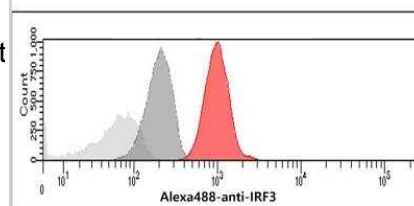
Western Blot: IRF3 Antibody (3F10) - BSA Free [NBP1-04308] - The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human IRF3 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1: MCF7 cell lysate. Lane 2: K562 cell lysate. Lane 3: Jurkat cell lysate



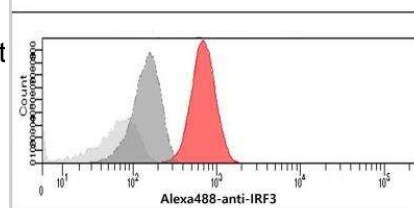
Immunocytochemistry/Immunofluorescence: IRF3 Antibody (3F10) [NBP1-04308] - Human HeLa cells stained with IRF-3 (1:500) with Texas-Red and Hoechst 33342 (Blue) for nucleus staining.



Flow Cytometry: IRF3 Antibody (3F10) - BSA Free [NBP1-04308] - Flow cytometry analysis of IRF3 in Jurkat cells. The cell was stained with NBP1-04308 at 2-5ug for  $1 \times 10^6$  cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).



Flow Cytometry: IRF3 Antibody (3F10) - BSA Free [NBP1-04308] - Flow cytometry analysis of IRF3 in MCF7 cells. The cell was stained with NBP1-04308 at 2-5ug for  $1 \times 10^6$  cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).



## Publications

Manzetti J, Weissbach Fh, Unterstab G, Wernli M BK polyomavirus evades innate immune sensing by disrupting the mitochondrial network and membrane potential and by promoting mitophagy iScience 2020-06-30 [PMID: 32599557]



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### **Products Related to NBP1-04308**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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