

# Product Datasheet

## IRF7 Antibody - BSA Free NBP1-77263

Unit Size: 0.1 mg

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

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**NBP1-77263**

IRF7 Antibody - BSA Free

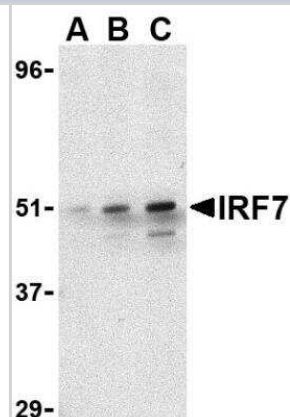
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	54 kDa

Product Description	
Host	Rabbit
Gene ID	3665
Gene Symbol	IRF7
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of human IRF7. The immunogen is located within amino acids 420-470 of IRF7. Amino Acid Squence: GQDLSAGRPKEKSL

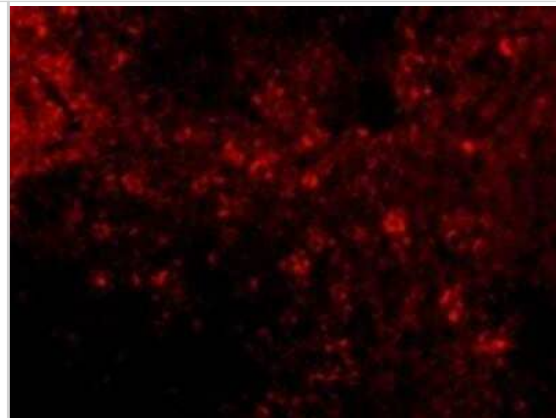
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 5 ug/ml

**Images**

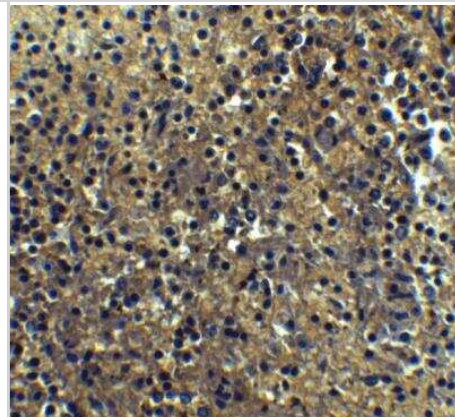
Western Blot: IRF7 Antibody [NBP1-77263] - 293 whole cell lysate with IRF7 antibody at (A) 0.5 and (B) 1 ug/ml and (C) 2 ug/ml.



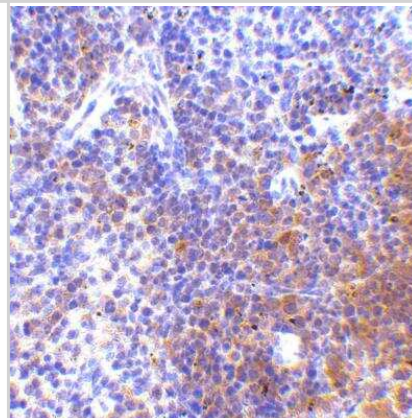
Immunocytochemistry/Immunofluorescence: IRF7 Antibody [NBP1-77263] - Mouse Spleen cells using IRF7 antibody at 20 ug/ml.



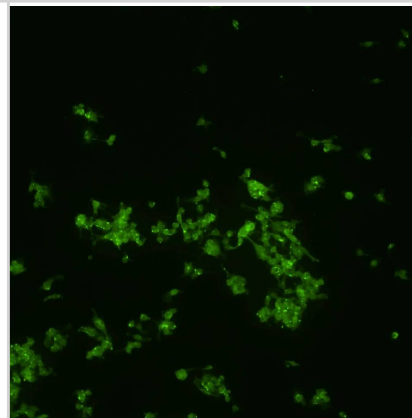
Immunohistochemistry-Paraffin: IRF7 Antibody [NBP1-77263] - IRF7 in human spleen tissue with at 5 ug/mL.



Immunohistochemistry-Paraffin: IRF7 Antibody [NBP1-77263] - Mouse spleen tissue with IRF7 antibody at 5 ug/ml.



Immunocytochemistry/Immunofluorescence: IRF7 Antibody [NBP1-77263] - N9 cells stained for IRF-7 (Dilution 1:200). Image from verified customer review.



**Publications**

Xiang Z, Liu L, Lei X et al. The 3C Protease of Enterovirus D68 Inhibits the Cellular Defense Mediated by Interferon Regulatory Factor 7. *J. Virol.* 2015-11-25 [PMID: 26608321] (WB, Human)

Mboko WP, Mounce BC, Wood BM, Kulinski JM, Corbett JA, Tarakanova VL. Coordinate regulation of DNA damage and type I interferon responses imposes an antiviral state that attenuates mouse gammaherpesvirus type 68 replication in primary macrophages. *J Virol*;86(12):6899-912. 2012-06-01 [PMID: 22496235] (WB, Mouse)





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### **Products Related to NBP1-77263**

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NBP1-77263PEP	IRF7 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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