# **Product Datasheet**

# ISG15/UCRP Antibody - BSA Free NB600-891-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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## NB600-891-0.1mg

ISG15/UCRP Antibody - BSA Free	
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	For the 500 ug size, we recommend reconstituting with 100 ul deionized water. The 0.1 mg size is provided in liquid format (0.02 ml).
Isotype	lgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum.  Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	9636
Gene Symbol	ISG15
Species	Human
Immunogen	This purified ISG15/UCRP Antibody was prepared from rabbit serum after repeated immunizations with recombinant human ISG15/UCRP/UCRP protein. (Uniprot: P05161)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-1:1000, ELISA 1:2000-1:10000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This purified polyclonal antibody reacts with human ISG15 by western blot and ELISA. Although not tested, this antibody is likely functional in immunohistochemistry and immunoprecipitation. This antibody using the specified conditions may recognize other prominent intrinsic bands (UBLs or conjugates), especially at lower dilutions. An 18.5 kDa band corresponding to human ISG15 is detected. IFNalpha or IFNbeta stimulated HeLa cell lysates can be used as a positive control.

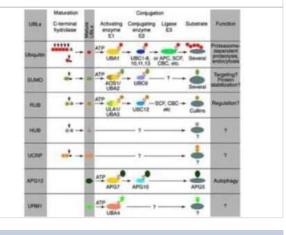


#### **Images**

Western Blot: ISG15/UCRP Antibody [NB600-891] - Immunoblot of hISG15 fusion protein. Anti-hISG15 antibody, generated by immunization with recombinant human ISG15, was tested by immunoblot against a hISG15-GFP fusion protein produced in E.coli cell lysate soluble fraction. Dilution of the antibody between 1:200 and 1:1,000 showed strong reactivity specifically with hISG15 and ISG15 coupled proteins. Free hISG15 is indicated by the arrowhead. In this blot the antibody was used at a 1:200 dilution incubated overnight at 4C in 5% non-fat dry milk in TTBS. Detection occurred using a 1:2000 dilution of HRP labeled Donkey anti-Rabbit IgG for 1h at room temperature. A chemiluminescence system was used for signal detection.



N/A: ISG15/UCRP Antibody [NB600-891]



#### **Publications**

Chen RH, Xiao ZW, Yan XQ et al. Tumor Cell-Secreted ISG15 Promotes Tumor Cell Migration and Immune Suppression by Inducing the Macrophage M2-Like Phenotype Frontiers in Immunology 2020-12-23 [PMID: 33424843]





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## Products Related to NB600-891-0.1mg

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control

NBC1-18442 Recombinant Human ISG15/UCRP (Calmodulin Tag) Protein

#### 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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