

Product Datasheet

IFN-alpha/beta R1 [p Ser535, p Ser539] Antibody - Azide Free NB300-258

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NB300-258

IFN-alpha/beta R1 [p Ser535, p Ser539] Antibody - Azide Free

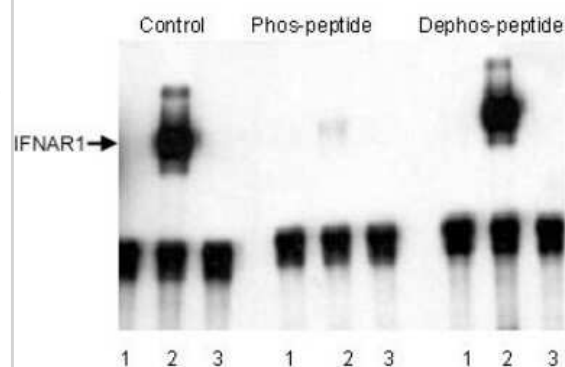
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	110 kDa

Product Description	
Host	Rabbit
Gene ID	3454
Gene Symbol	IFNAR1
Species	Human
Specificity/Sensitivity	Specific for IFNAR1 protein phosphorylated at Ser535,539.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser535/539 conjugated to KLH. Accession # P17181

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunoprecipitation
Application Notes	Note: the molecular weight of the IFNAR1 varies with cell line (different levels of glycosylation) in 293 and HeLa Cells; the mature form is ~110 - 130 kDa. Use in immunoprecipitation reported in scientific literature (PMID: 15337770).

Images

Western Blot: IFNAR1 [p Ser535, p Ser539] Antibody [NB300-258] - Detection of Flag immunoprecipitates from HEK 293 cells transfected with 1. Mock, 2. IFNAR1 WT and 3. IFNAR1 S535A and S539A mutants. Detection with NB 300-258 is absent in the IFNAR1 Ser535 and Ser539 mutants. The labeling is blocked by the phosphopeptide used as antigen but not by the dephospho form of this peptide.



Publications

Kumar KG, Krolewski JJ, Fuchs SY. Phosphorylation and specific ubiquitin acceptor sites are required for ubiquitination and degradation of the IFNAR1 subunit of type I interferon receptor. J Biol Chem. 2004-11-05 [PMID: 15337770] (IP, WB)

Details:

IP and WB (Fig 3): IFNAR1 transfected 293 cells stimulated with IFN α . Note: The specificity of the antibody for phospho-IFNAR1 (ser535/539) was IFNAR1 transfected validated by WB and IP. Phosphospecificity of the antibody was shown through experiments wit





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Products Related to NB300-258

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-77487-0.05mg	Recombinant Human IFN-alpha/beta R1 His 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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