

Product Datasheet

IFITM1 Antibody - BSA Free

NBP1-77171

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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Publications: 2

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Updated 9/9/2025 v.20.1

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NBP1-77171

IFITM1 Antibody - BSA Free

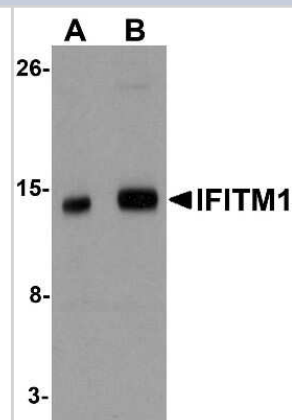
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	14 kDa

Product Description	
Description	Novus Biologicals Rabbit IFITM1 Antibody - BSA Free (NBP1-77171) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-IFITM1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8519
Gene Symbol	IFITM1
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 16 amino acid synthetic peptide near the center of human IFITM1. The immunogen is located within amino acids 40 - 90 of IFITM1. Amino Acid Sequence: CAFAYSVKSRDRKMGVD

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 20 ug/ml

Images

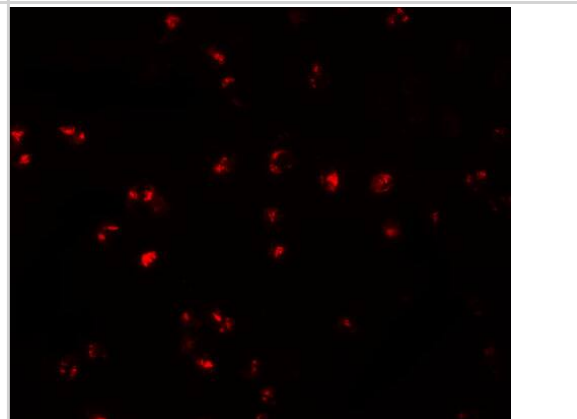
Western Blot: IFITM1 Antibody [NBP1-77171] - 3T3 cell lysate with IFITM1 antibody at (A) 1 and (B) 2 ug/mL.



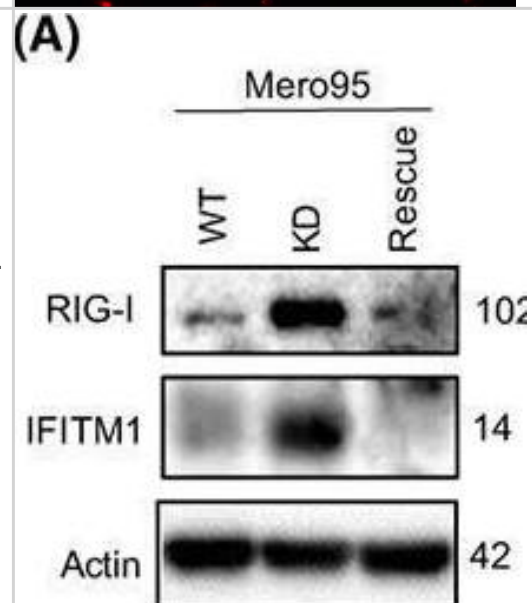
Immunocytochemistry/Immunofluorescence: IFITM1 Antibody [NBP1-77171] - Jurkat cells with IFITM1 antibody at 20 ug/mL.



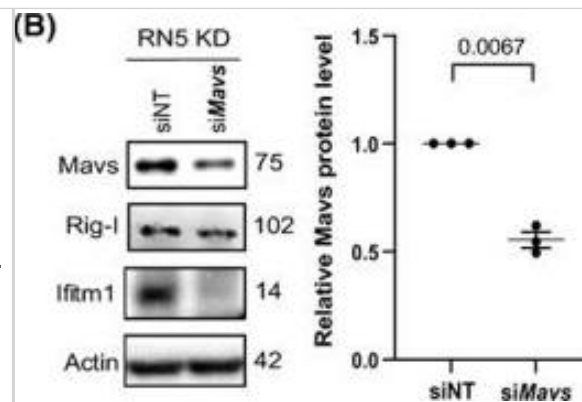
Immunocytochemistry/ Immunofluorescence: IFITM1 Antibody - BSA Free [NBP1-77171] - Immunofluorescence of IFITM1 in Jurkat cells with IFITM1 antibody at 20 ug/mL.



ADAR2 deficiency leads to upregulation of type 1 IFN response. (A) Basal expression of ISGs—RIG-I and IFITM1 in Mero95 and RN5 WT, KD and rescue cells. Protein levels are represented relative to the respective WT. Protein size is represented in kDa. $n = 3$. One-way ANOVA with post-hoc Tukey's test. Error bars indicate SEM. (B) Expression of ISGs—Rig-I and Ifitm1 upon silencing of Mavs in RN5 ADAR2 KD cells. Protein levels are represented relative to siNT. Protein size is represented in kDa. $n = 3$. Paired t -test. Error bars indicate SEM. (C) Expression of ISGs – RIG-I and IFITM1 upon silencing of STING in Mero95 ADAR2 KD cells. Protein levels are represented relative to siNT. Protein size is represented in kDa. $n = 3$. Paired t -test. Error bars indicate SEM. (D) Representative images of senescence-associated β -Gal staining in Mero95 WT, KO and rescue cells (left). Quantification of β -Gal positive cells (right). $n = 3$ (with at least 15 images from each group). One-way ANOVA with post-hoc Tukey's test. Error bars indicate SEM. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36221913>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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Publications

Hariharan A, Qi W, Rehrauer H et al. Heterogeneous RNA editing and influence of ADAR2 on mesothelioma chemoresistance and the tumor microenvironment *Molecular Oncology* 2022-12-01 [PMID: 36221913]

Sun S, Frontini F, Qi W, Hariharan A et Al. Endogenous retrovirus expression activates type-I interferon signaling in an experimental mouse model of mesothelioma development *Cancer Lett* 2021-03-13 [PMID: 33713739]



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Products Related to NBP1-77171

NBP1-77171PEP	IFITM1 Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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