

# Product Datasheet

## GILT/IFI30 Antibody - BSA Free

### NBP1-83366

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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Updated 9/9/2025 v.20.1

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**NBP1-83366**

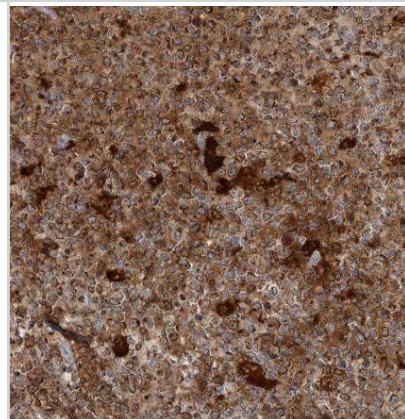
GILT/IFI30 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
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	Immunogen affinity purified
Buffer	PBS (pH 7.2), 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit GILT/IFI30 Antibody - BSA Free (NBP1-83366) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GILT/IFI30 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10437
Gene Symbol	IFI30
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported from a verified customer review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LVPYGN AQEQNVSGRWEFKCQHGE ECKFNKVEACVLDELDME LAFLTIVCM EEFEDMERSLPLCLQLYAPGLSPD TIMECAMGDRGMQLMHANAQRTDALQPP HEYVPWVTVNGKPLEDQTQLLTLVCQLYQGKK
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

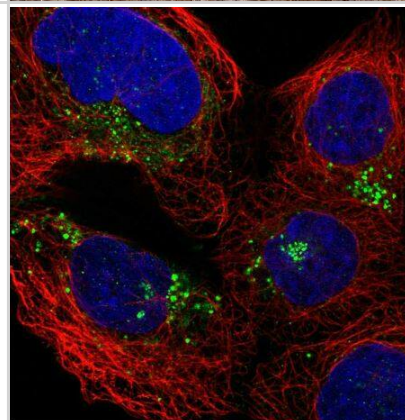


## Images

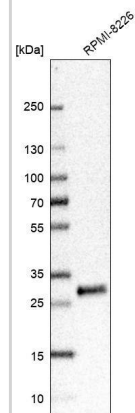
Immunohistochemistry-paraffin-GILT/IFI30 Antibody-NBP1-83366- Staining of human tonsil shows strong cytoplasmic positivity in a subset of non-germinal center cells.



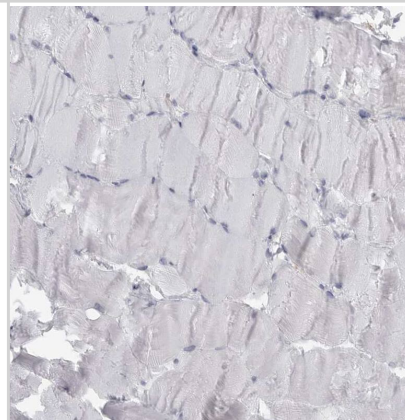
ICC/IF-GILT/IFI30 Antibody-NBP1-83366- Staining of human cell line A-431 shows localization to cell junctions & vesicles.



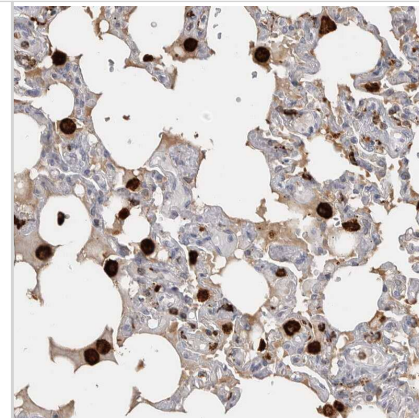
Analysis in human cell line RPMI-8226.



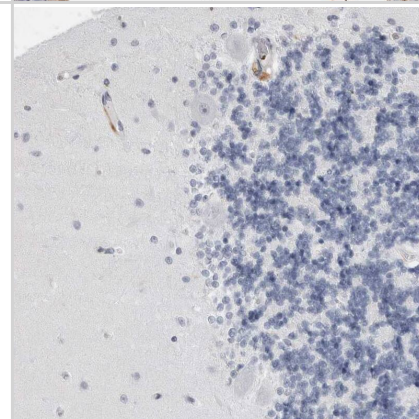
Staining of human skeletal muscle shows no positivity in myocytes as expected.



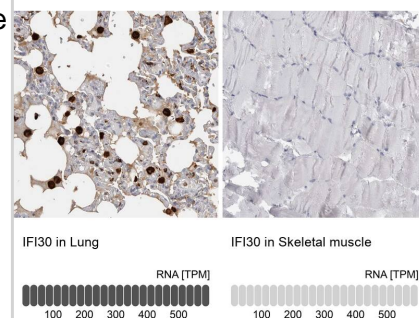
Staining of human lung shows strong cytoplasmic positivity in macrophages.



Staining of human cerebellum shows no positivity in Purkinje cells as expected.



Analysis in human lung and skeletal muscle tissues using NBP1-83366 antibody. Corresponding IFI30 RNA-seq data are presented for the same tissues.



## Publications

Xiang YJ, Guo MM, Zhou CJ et al. Absence of Gamma-Interferon-Inducible Lysosomal Thiol Reductase (GILT) Is Associated with Poor Disease-Free Survival in Breast Cancer Patients. PLoS One 2014-01-01 [PMID: 25333930] (IF/IHC, Human)



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### **Products Related to NBP1-83366**

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NBP1-83366PEP	GILT/IFI30 Recombinant Protein Antigen
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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