

Product Datasheet

Complement Factor B Antibody - BSA Free NBP1-89985

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 7

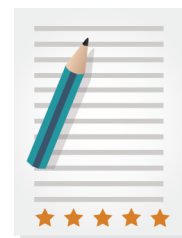
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-89985

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-89985



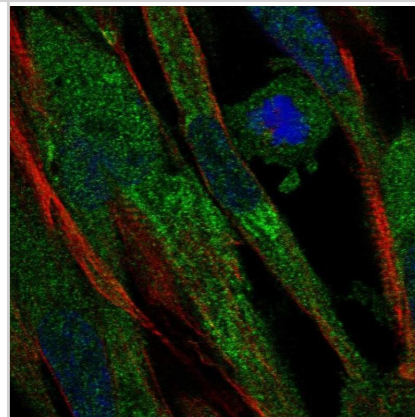
NBP1-89985**Complement Factor B Antibody - BSA Free**

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) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit Complement Factor B Antibody - BSA Free (NBP1-89985) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-Complement Factor B Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	629
Gene Symbol	CFB
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID:30220554) and (PMID: 26928779). Mouse (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KDNEQHVFVKV KDMENLEDVFYQMIDESQSLSLCGMVWEHRKGT DYHKQPWQ AKISVIRPSKGHESCMGAVVSEYFVLTA AHCFTVDDKEHSIKVSVGGEKRDLEI EVL FHPNYNINGKKEAGIPEFYDYDVALIKLKNKLKYG
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot Reported in (PMID: 36076550), Simple Western 1:20, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Immunohistochemistry-Frozen Reported in (PMID: 26928779)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100 In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Tonsil, separated by Size, antibody dilution of 1:20, apparent MW was 120 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

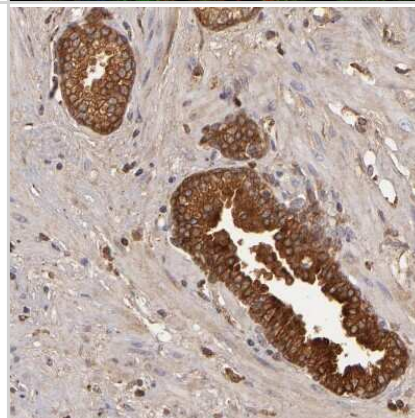


Images

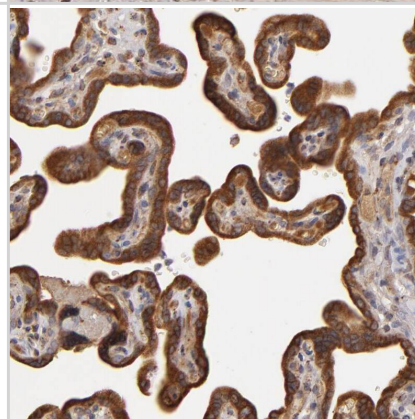
Staining of human cell line ASC TERT1 shows localization to endoplasmic reticulum.



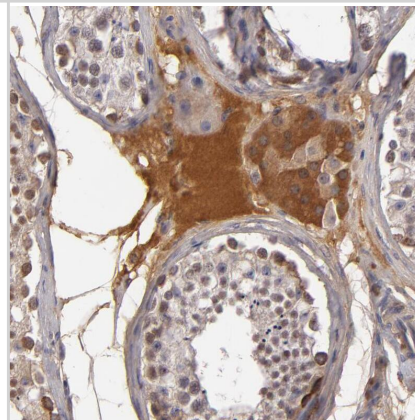
Immunohistochemistry-Paraffin: Complement Factor B Antibody [NBP1-89985] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



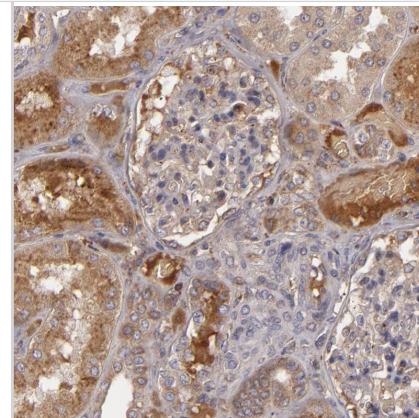
Staining of human placenta shows strong positivity in trophoblastic cells.



Staining of human testis shows moderate cytoplasmic positivity in Leydig cells.



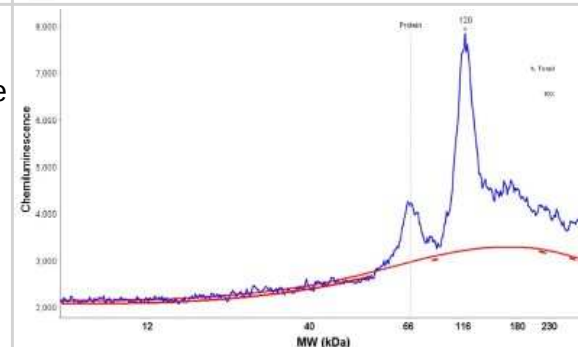
Staining of human kidney shows moderate positivity in secretion surrounding cells in tubules.



Simple Western: Complement Factor B Antibody [NBP1-89985] - Simple Western lane view shows a specific band for CFB in 0.2 mg/ml of Tonsil lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Complement Factor B Antibody [NBP1-89985] - Electropherogram image(s) of corresponding Simple Western lane view. Complement Factor B antibody was used at 1:20 dilution on Tonsil lysate (s).



Publications

Chen K, Deng Y, Shang S et al. Complement factor B inhibitor LNP023 improves lupus nephritis in MRL/lpr mice *Biomedicine & Pharmacotherapy* 2022-09-01 [PMID: 36076550] (IHC-P, WB, Mouse)

Kendall RT, Renaud L, Baatz JE et al. SSc biomarkers detection in the secretome of TGFbeta1-activated primary human lung fibroblasts *Journal of proteomics* 2021-04-27 [PMID: 33930553]

Lin CM, Titchenell PM, Keil JM et al. Inhibition of Atypical Protein Kinase C Reduces Inflammation-Induced Retinal Vascular Permeability. *Am. J. Pathol.* 2018-10-01 [PMID: 30220554] (ICC/IF, Rat)

Yamanaka K, Kakuta Y, Miyagawa S et al. Depression of Complement Regulatory Factors in Rat and Human Renal Grafts Is Associated with the Progress of Acute T-Cell Mediated Rejection *PLoS ONE* 2016-03-01 [PMID: 26928779] (IHC-Fr, Rat)

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. *Proteome Sci* 2011-11-17 [PMID: 22093360]

Cima I, Schiess R, Wild P et al. Cancer genetics-guided discovery of serum biomarker signatures for diagnosis and prognosis of prostate cancer. *Proc Natl Acad Sci U S A* 2011-02-22 [PMID: 21300890]

Singh MV, Kapoun A, Higgins L et al. Ca²⁺/calmodulin-dependent kinase II triggers cell membrane injury by inducing complement factor B gene expression in the mouse heart. *J Clin Invest* 2009-04-01 [PMID: 19273909]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-89985

NBP1-89985PEP	Complement Factor B 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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-89985

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

