

Product Datasheet

CD59 Antibody - BSA Free NBP1-89405

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: 2

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NBP1-89405

CD59 Antibody - BSA Free

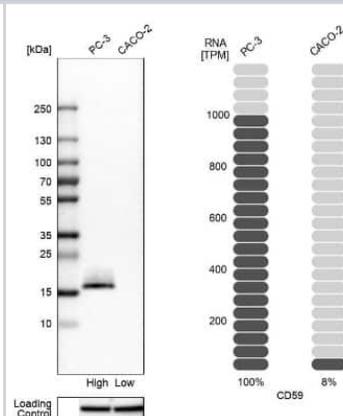
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 CD59 Antibody - BSA Free (NBP1-89405) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CD59 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 966 |
| Gene Symbol | CD59 |
| Species | Human |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: CYNCPNPTADCKTAVNCSSDFDACLITKAGLQVYNKCWKFEHCNCFNDVTTRLR ENELTYCYCCKKDLNCFNEQLEGG |

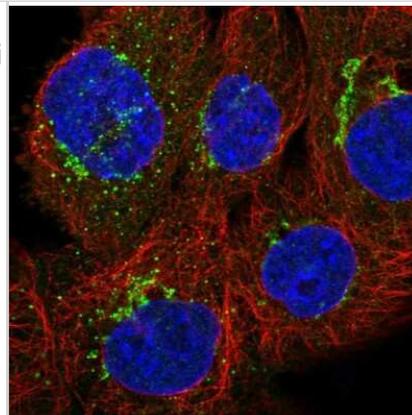
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

Images

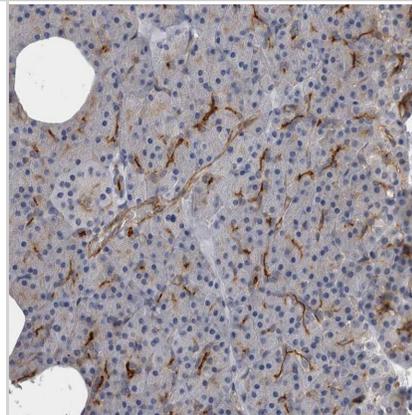
Western Blot: CD59 Antibody [NBP1-89405] - Analysis in human cell lines PC-3 and Caco-2 using anti-CD59 antibody. Corresponding CD59 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



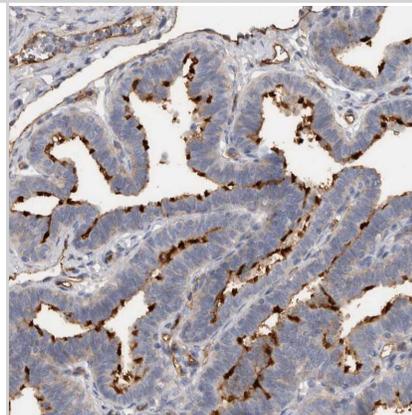
Immunocytochemistry/Immunofluorescence: CD59 Antibody [NBP1-89405] - Staining of human cell line A-431 shows localization to the Golgi apparatus & vesicles. Antibody staining is shown in green.



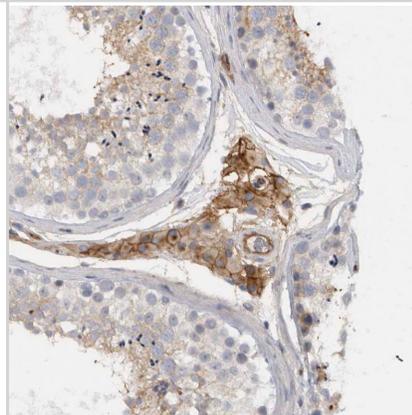
Staining of human pancreas shows strong membranous positivity in ductal cells.



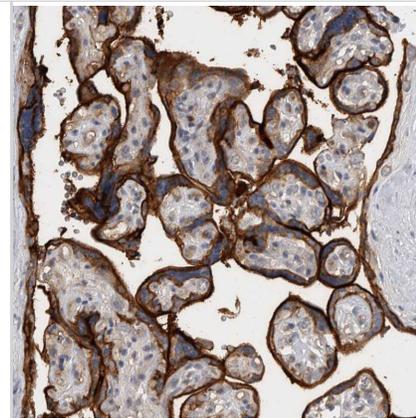
Staining of human fallopian tube shows strong positivity in cilia in glandular cells.



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



Staining of human placenta shows strong membranous positivity in trophoblastic cells.



Publications

Lin M C, Shen C H et al. Inhibition of human lung adenocarcinoma growth and metastasis by JC polyomavirus-like particles packaged with an SP-B promoter-driven CD59-specific shRNA. *Clin Sci (Lond)* 2019-11-15 [PMID: 31693732] (WB, Human)

Miyaji K, Paul F, Shahrizaila N et al. Complement regulatory proteins (CD46, 55 and 59) expressed on Schwann cells: Immune targets in demyelinating neuropathies? *J. Neuroimmunol.* 2014-08-08 [PMID: 25156074]



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 NBP1-89405

| | |
|---------------|---|
| NBP1-89405PEP | CD59 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.

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