

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.

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NBP1-89405

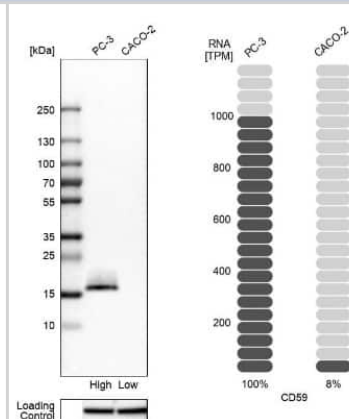
CD59 Antibody - BSA Free

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	
Host	Rabbit
Gene ID	966
Gene Symbol	CD59
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CYNCPNPTADCKTAVNCSSDFDACLITKAGLQVYNKCWKFEHCNFNDVTTRLR ENELTYYCCKKDLCNFNEQLENGG
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
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.

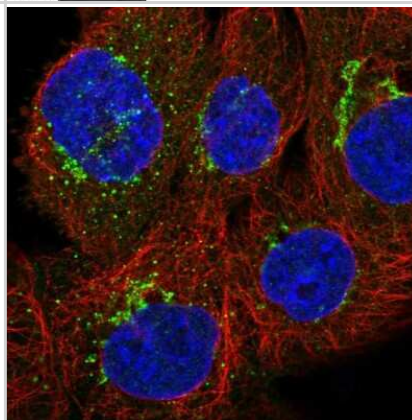


Images

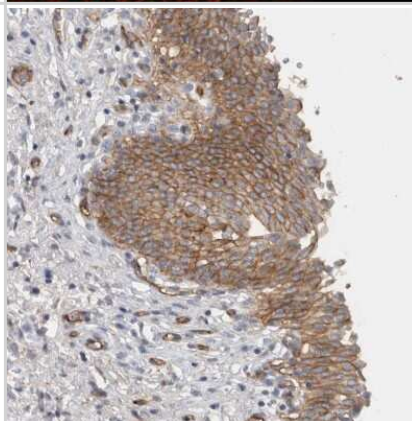
Western Blot: CD59 Antibody [NBP1-89405] - Analysis in human cell lines PC-3 and Caco-2 using anti-CD59 antibody. Corresponding CD59 RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



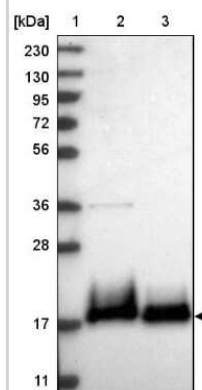
Immunocytochemistry/Immunofluorescence: CD59 Antibody [NBP1-89405] - Staining of human cell line A-431 shows localization to the Golgi apparatus & vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: CD59 Antibody [NBP1-89405] - Staining of human urinary bladder shows distinct membranous positivity in urothelial cells.



Western Blot: CD59 Antibody [NBP1-89405] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



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]





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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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