

Product Datasheet

CD63 Antibody (SY21-02) NBP2-67425

Unit Size: 100 ul

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

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NBP2-67425

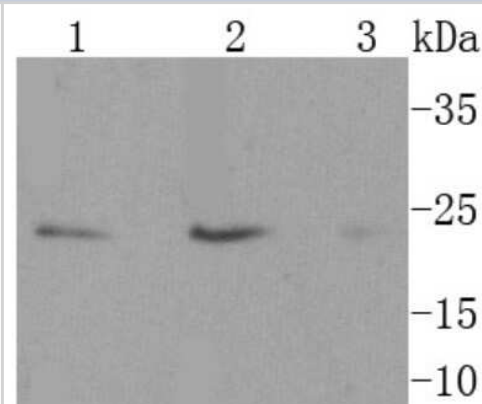
CD63 Antibody (SY21-02)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SY21-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit CD63 Antibody (SY21-02) (NBP2-67425) is a recombinant monoclonal antibody validated for use in IHC, WB and Simple Western. Anti-CD63 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	967
Gene Symbol	CD63
Species	Human, Mouse
Immunogen	Recombinant protein within Human CD63 aa 88-216 / 238. (SwissProt: P08962 Human)
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Use in SW reported in scientific publication(PMID: 32443895). See Simple Western Antibody Database for Simple Western validation: separated by Size

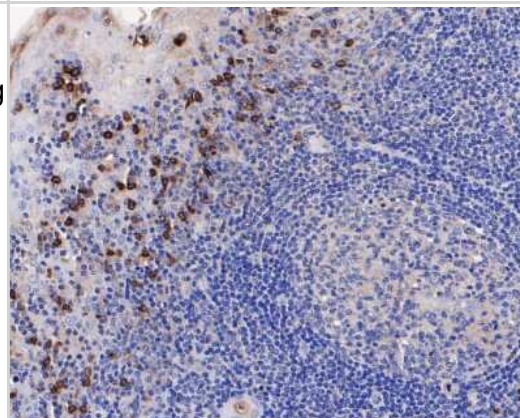


Images

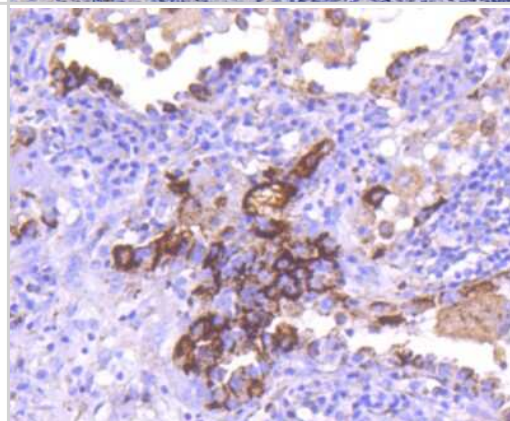
Western Blot: CD63 Antibody (SY21-02) [NBP2-67425] - Analysis of CD63 on different lysates using anti-CD63 antibody at 1/1,000 dilution. Positive control: Lane 1: HL60 Lane 2: THP-1 Lane 3: NIH/3T3



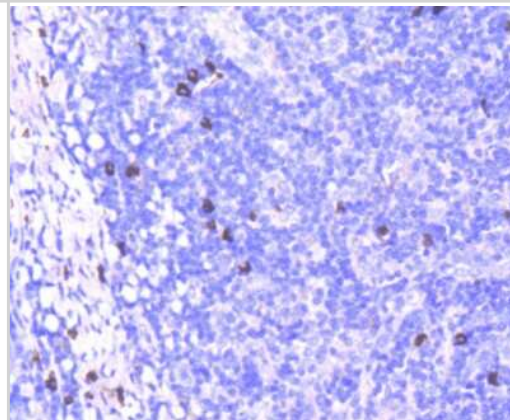
Immunohistochemistry-Paraffin: CD63 Antibody (SY21-02) [NBP2-67425] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD63 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1607-2, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: CD63 Antibody (SY21-02) [NBP2-67425] - Analysis of paraffin-embedded human lung cancer tissue using anti-CD63 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CD63 Antibody (SY21-02) [NBP2-67425] - Analysis of paraffin-embedded human tonsil tissue using anti-CD63 antibody. Counter stained with hematoxylin.



Publications

Mighty J, Rubio-Navarro A, Shi C et Al. Extracellular vesicles of human diabetic retinopathy retinal tissue and urine of diabetic retinopathy patients are enriched for the junction plakoglobin protein Front Endocrinol (Lausanne) 2023-01-06 [PMID: 36686464] (Western Blot, Mouse)

Rubio-Navarro A, Gómez-Banoy N, Stoll L et al. A beta cell subset with enhanced insulin secretion and glucose metabolism is reduced in type 2 diabetes Nature cell biology 2023-03-16 [PMID: 36928765]

Chen W, Hao X, Yang B et al. MYCN amplified neuroblastoma cell derived exosomal miR 17 5p promotes proliferation and migration of non MYCN amplified cells Molecular medicine reports 2021-04-01 [PMID: 33537818] (WB, Human)

Haney MJ, Zhao Y, Jin YS, Batrakova EV Extracellular Vesicles as Drug Carriers for Enzyme Replacement Therapy to Treat CLN2 Batten Disease: Optimization of Drug Administration Routes Cells 2020-05-20 [PMID: 32443895] (Simple Western, Mouse)

Haney, MJ;Klyachko, NL;Harrison, EB;Zhao, Y;Kabanov, AV;Batrakova, EV; TPP1 Delivery to Lysosomes with Extracellular Vesicles and their Enhanced Brain Distribution in the Animal Model of Batten Disease Adv Healthc Mater 2019-04-18 [PMID: 30997751] (WB, Mouse)





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Products Related to NBP2-67425

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000967-G01-2ug	Recombinant Human CD63 Protein

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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