

Product Datasheet

CD63 Antibody (H5C6) - Azide and BSA Free NBP2-80654

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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80654

Updated 8/21/2023 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/NBP2-80654



NBP2-80654

CD63 Antibody (H5C6) - Azide and BSA Free

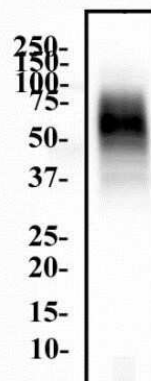
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	H5C6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	967
Gene Symbol	CD63
Species	Human, Canine
Immunogen	Human splenic adherent cells.

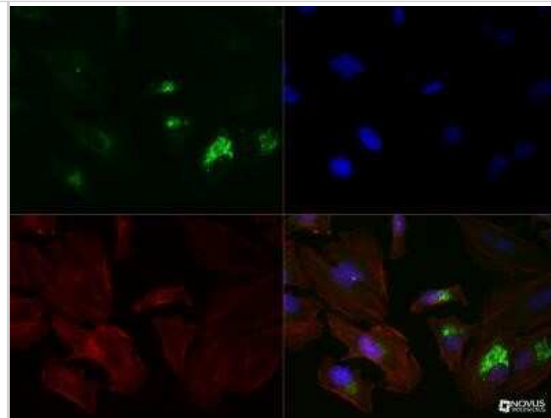
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Electron Microscopy, Flow Cytometry, Flow (Intracellular), Functional, Immunocytochemistry/ Immunofluorescence, In vitro assay, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunoprecipitation, Functional reported in scientific literature (PMID 9811687), In vitro assay reported in scientific literature (PMID 21464080), Dot Blot, Electron Microscopy reported in scientific literature (PMID 16735575), Flow (Intracellular), CyTOF-ready

Images

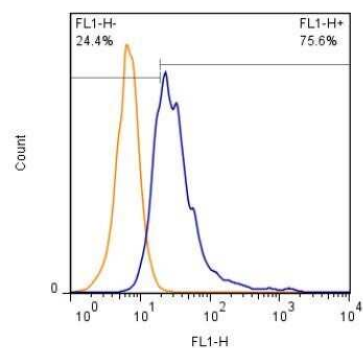
Western Blot: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - THP1 whole cell protein was separated by SDS-PAGE on a 12% gel and transferred to PVDF membrane. The membrane was probed with anti-CD63 antibody at 2 ug/ml and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



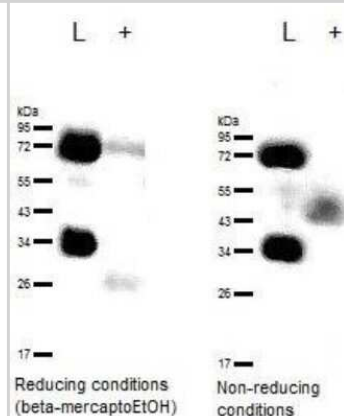
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - The CD63 (H5C6) antibody was tested in HeLa cells at a 1:50 dilution against DyLight 488 (Green). Actin and nuclei were counterstained against Phalloidin 568 (Red) and DAPI (Blue), respectively. Image from the standard format of this antibody.



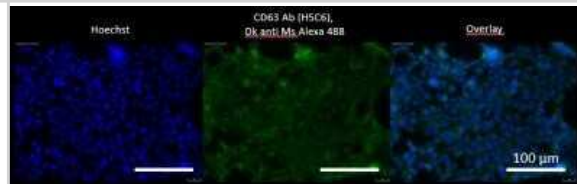
Flow Cytometry: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - Human peripheral blood cells were stained (2×10^6 cells/ml) using the anti-CD63 antibody (Blue) at a dilution of 1:1000. Signal was detected using a Gt x Ms DyLight 488 Secondary and gated to the monocyte/granulocyte cell populations. Isotype was Mouse IgG1 kappa (orange). Data collected on BD FACS Calibur flow cytometer. Image from the standard format of this antibody.



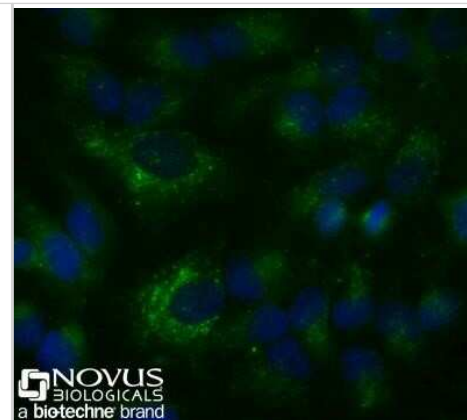
Western Blot: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - The same samples and volumes were run under reducing and non-reducing conditions. All procedures were performed in parallel for both conditions. L- ladder +- exosomes. Image visualized with HRP linked to secondary antibody. This image was submitted via customer Review. Image from the standard format of this antibody.



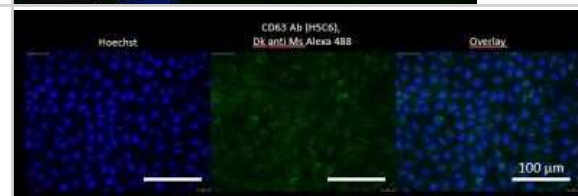
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - HEK cells stained with CD63 antibody at a dilution of 1:50 followed by Donkey anti-mouse secondary antibody conjugated with Alexa Fluor 488 (1:500). Nuclei were stained with Hoechst 33342. Image from verified customer review. Image from the standard format of this antibody.



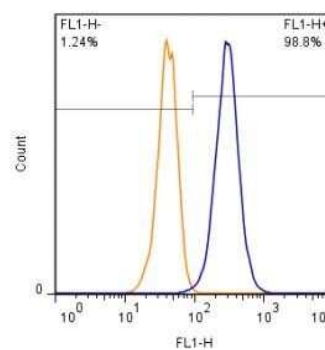
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-CD63 [H5C6] conjugated to Alexa Fluor 488 [NBP2-42225AF488] at 10ug/ml for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



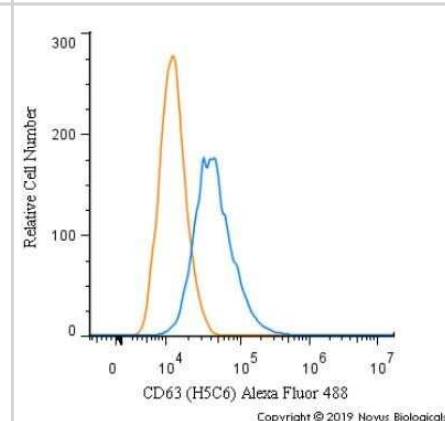
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - MDCK cells stained with CD63 antibody at a dilution of 1:50 followed by Donkey anti-mouse secondary antibody conjugated with Alexa Fluor 488 (1:500). Nuclei were stained with Hoechst 33342. Image from verified customer review. Image from the standard format of this antibody.



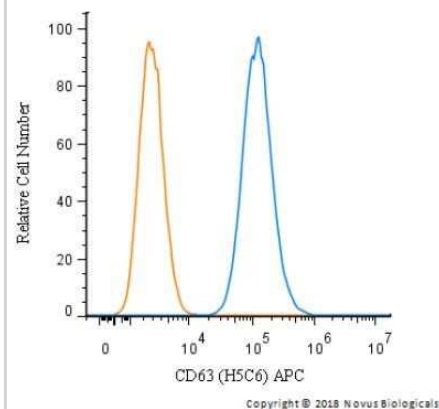
Flow Cytometry: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - A431 cells were stained (1×10^6 cells/ml) using the anti-CD63 antibody at a 1:1000 dilution (blue). Signal was detected with Gt x Ms Dylight 488 secondary. Isotype control (orange). Image from the standard format of this antibody.



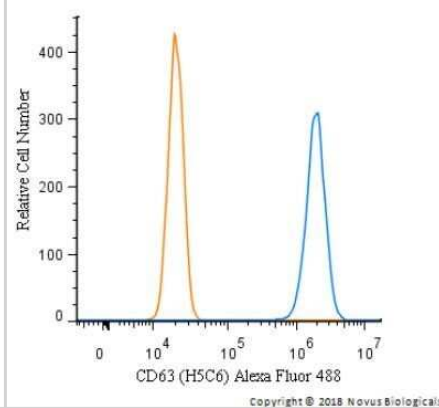
Flow Cytometry: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - An intracellular stain was performed on HeLa cells with CD63 [H5C6] Antibody NBP2-42225AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



Flow Cytometry: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - An intracellular stain was performed on HeLa cells with CD63 Antibody (H5C6) NBP2-42225APC (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Allophycocyanin.



Flow Cytometry: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - An intracellular stain was performed on SK-MEL-28 cells with CD63 Antibody (H5C6) NBP2-42225AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.





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 NBP2-80654

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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.

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/NBP2-80654

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

