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.

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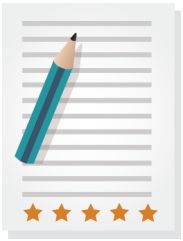
Updated 9/9/2025 v.20.1



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

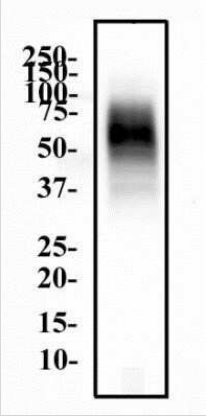
Description	Novus Biologicals Mouse CD63 Antibody (H5C6) - Azide and BSA Free (NBP2-42225) is a monoclonal antibody validated for use in WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	967
Gene Symbol	CD63
Species	Human, Canine
Immunogen	Human splenic adherent cells.

Product Application Details

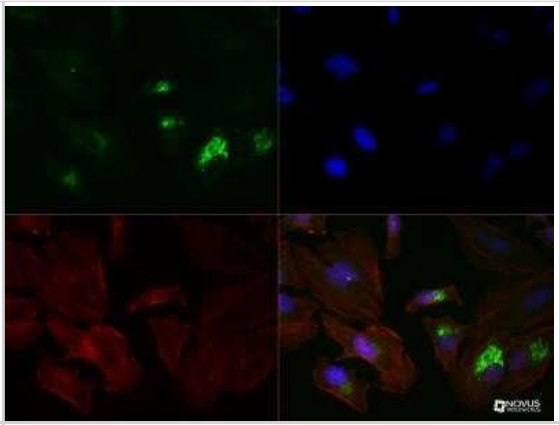
Applications	Western Blot, Dot Blot, ELISA, Electron Microscopy, Flow Cytometry, Flow (Intracellular), Functional, Immunocytochemistry/ Immunofluorescence, In vitro assay, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence 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

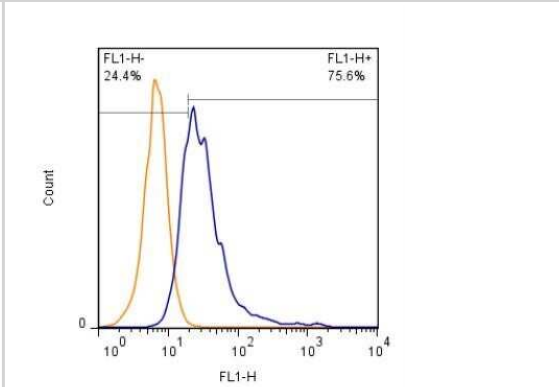
Western Blot: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - THP1 whole cell protein was separated by SDS-PAGE on a 12% gel and transferred to PVDF membrane. The membrane was probed with anti-CD63 antibody at 2 ug/ml and detected with an anti-mouse HRP secondary antibody using chemiluminescence.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



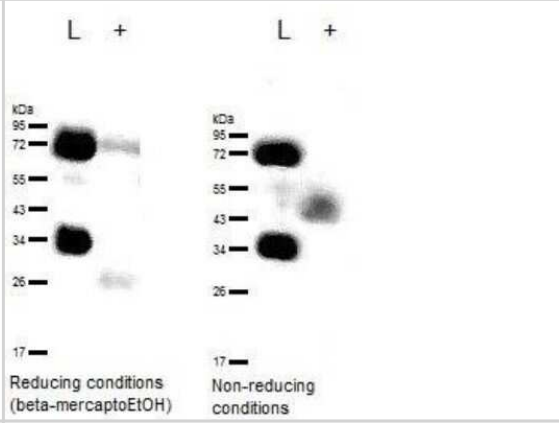
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - The CD63 (H5C6) antibody was tested in HeLa cells at a 1:50 dilution against DyLight 488 (Green). Actin and nuclei were counterstained against Phalloidin 568 (Red) and DAPI (Blue), respectively. Image from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



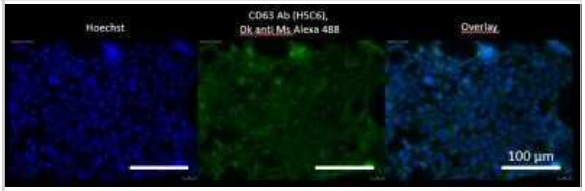
Flow Cytometry: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - Human peripheral blood cells were stained (2 x 10^6 cells/ml) using the anti-CD63 antibody (Blue) at a dilution of 1:1000. Signal was detected using a Gt x Ms DyLight 488 Secondary and gated to the monocyte/granulocyte cell populations.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



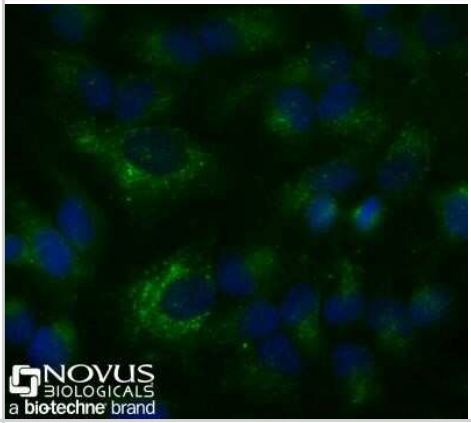
Western Blot: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - The same samples and volumes were run under reducing and non-reducing conditions. All procedures were performed in parallel for both conditions. L- ladder +- exosomes. Image visualized with HRP linked to secondary antibody. This image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



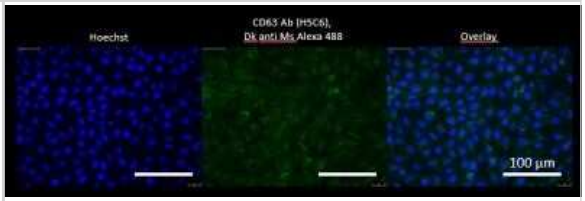
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - HEK cells stained with CD63 antibody at a dilution of 1:50 followed by Donkey anti-mouse secondary antibody conjugated with Alexa Fluor 488 (1:500). Nuclei were stained with Hoechst 33342. Image from verified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



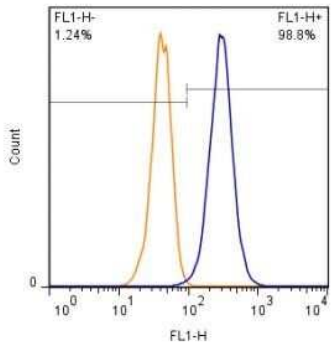
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-CD63 [H5C6] conjugated to Alexa Fluor 488 [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.



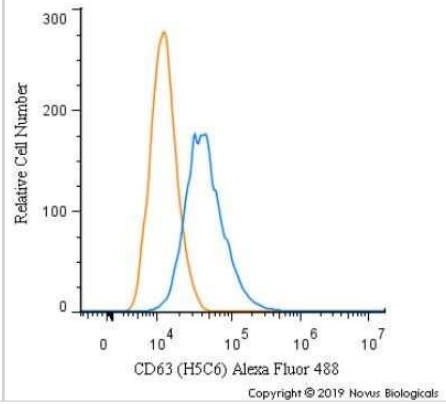
Immunocytochemistry/Immunofluorescence: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - MDCK cells stained with CD63 antibody at a dilution of 1:50 followed by Donkey anti-mouse secondary antibody conjugated with Alexa Fluor 488 (1:500). Nuclei were stained with Hoechst 33342. Image from verified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

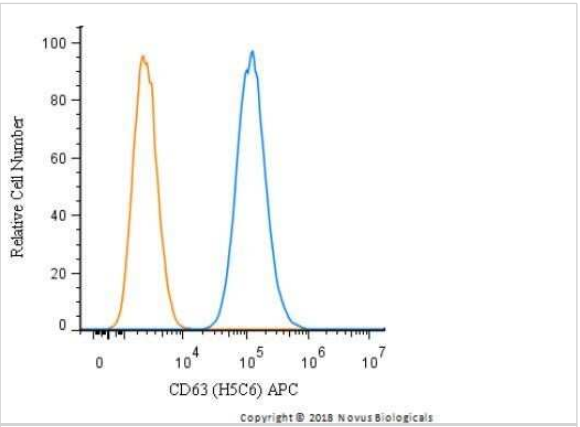
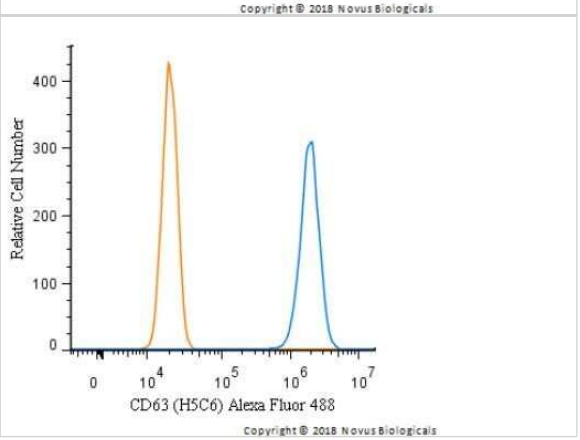


Flow Cytometry: CD63 Antibody (H5C6) - Azide and BSA Free [NBP2-80654] - A431 cells were stained (1 x10^6 cells/ml) using the anti-CD63 antibody at a 1:1000 dilution (blue). Signal was detected with Gt x Ms Dylight 488 secondary. Isotype control (orange). Image from the standard format of this antibody.



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.	

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NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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