

Product Datasheet

CD24 Antibody (ML5) - BSA Free NB100-77903

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB100-77903

CD24 Antibody (ML5) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	ML5
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	PBS

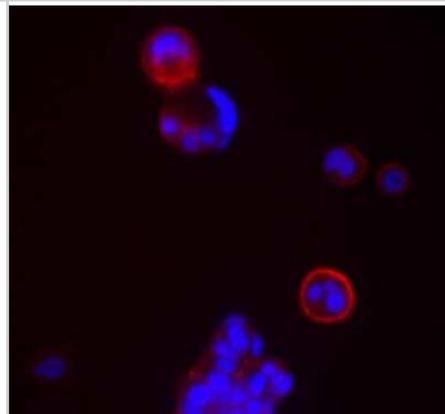
Product Description	
Description	Novus Biologicals Mouse CD24 Antibody (ML5) - BSA Free (NB100-77903) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. Anti-CD24 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	100133941
Gene Symbol	CD24
Species	Human
Reactivity Notes	Expected Cross-Reactivity based on immunogen sequence: Chimpanzee, Baboon
Immunogen	The immunogen was the full length version of the protein: CD24 (ML5)

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence <0.125 ug/10 ⁶ cells, Immunohistochemistry-Frozen 5-25 ug/ml
Application Notes	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is: 0.5 microgram per one million cells in 100 microliter volume or 100 microliter of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

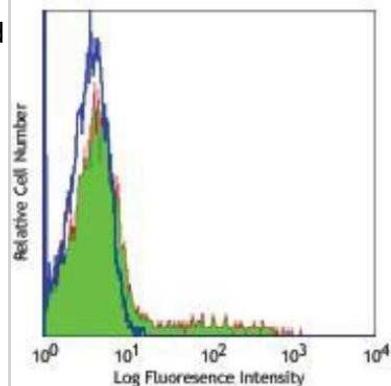


Images

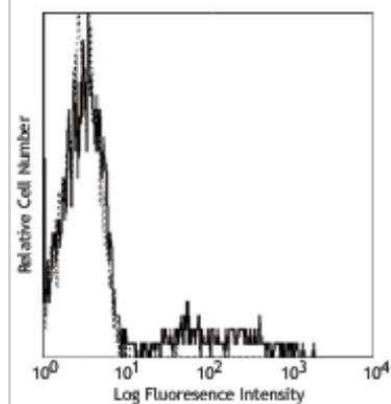
Immunocytochemistry/Immunofluorescence: CD24 Antibody (ML5) [NB100-77903] - MCF-7 breast cancer cells.



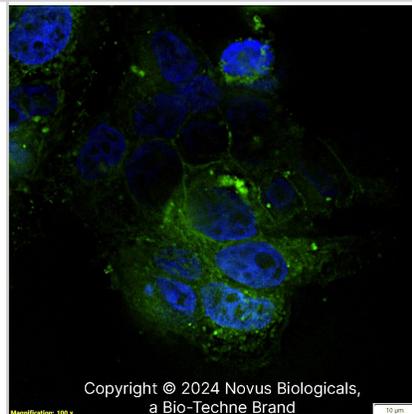
Flow Cytometry: CD24 Antibody (ML5) [NB100-77903] - Analysis using the FITC conjugate of NB100-77903. Staining of Human peripheral blood lymphocytes stained ML5 FITC.



Flow Cytometry: CD24 Antibody (ML5) [NB100-77903] - Whole blood lymphocytes stained with purified ML5 and detected with anti-mouse IgGs FITC



CD24 (ML5) was detected in immersion fixed MCF7 human breast cancer cell line using Mouse anti-CD24 (ML5) Protein G Purified Monoclonal Antibody conjugated to FITC (Catalog # NB100-77903F) (green) at 10 µg/mL overnight at 4C. Cells were counterstained with DAPI (blue). Cells were imaged using a 100X objective and digitally deconvolved.



Publications

Ramolia S, Larkin R, Robbins Y et al. Cancer Stem Cell Characterization in Olfactory Neuroblastoma Tissue. International forum of allergy & rhinology 2025-06-25 [PMID: 40560640]

Zhang J, Nguyen LTH, Hickey R et al. Immunomagnetic sequential ultrafiltration (iSUF) platform for enrichment and purification of extracellular vesicles from biofluids Scientific reports 2021-04-13 [PMID: 33850163] (ICC/IF, Human)





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Products Related to NB100-77903

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NB100-77903PE	CD24 Antibody (ML5) [PE]

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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