

# Product Datasheet

## CD24 Antibody (ML5) - BSA Free NB100-77903

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NB100-77903**

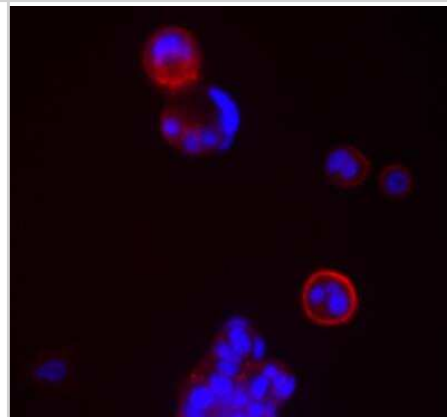
CD24 Antibody (ML5) - BSA Free

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	
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 <sup>6</sup> 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.

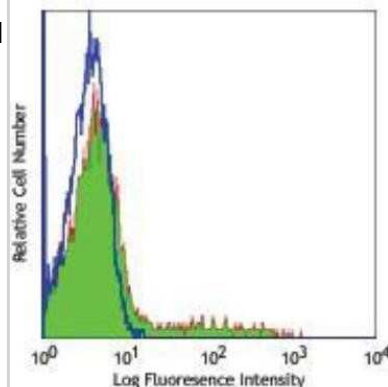


## Images

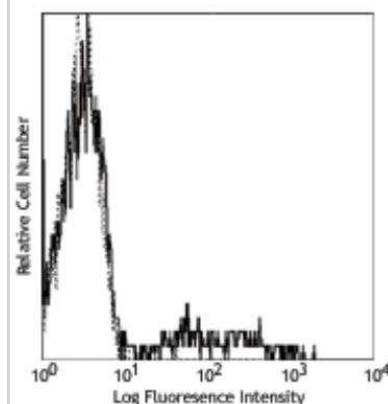
Immunocytochemistry/Immunofluorescence: CD24 Antibody (ML5) [NB100-77903] - MCF-7 breast cancer cells.



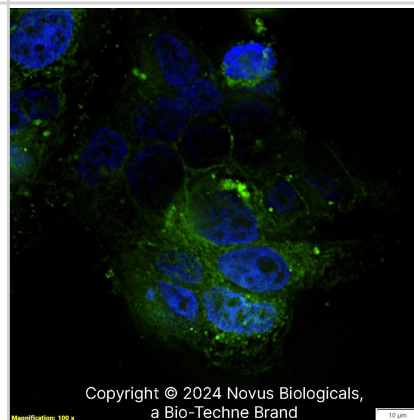
Flow Cytometry: CD24 Antibody (ML5) [NB100-77903] - Analysis using the FITC conjugate of NB100-77903. Staining of Human peripheral blood lymphocytes stained ML5 FITC.



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

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**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NB100-77903PE	CD24 Antibody (ML5) [PE]

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### **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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