

Product Datasheet

CEACAM8/CD66b Antibody (80H3) NB100-64916

Unit Size: 0.1 mg

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

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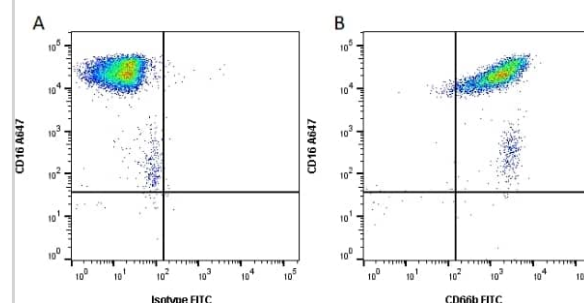


NB100-64916**CEACAM8/CD66b Antibody (80H3)**

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	80H3
Preservative	<0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	1088
Gene Symbol	CEACAM8
Species	Human
Specificity/Sensitivity	NB100-64916 reacts with the CGM6 gene product of the carcinoembryonic gene family. This is a 95-100kD GPI anchored molecule. CEACAM8 is expressed strongly by mature granulocytes and metamyelocytes but weakly by bone marrow myelocytes. CEACAM8 is not expressed by peripheral blood monocytes or lymphocytes.
Immunogen	Human leucocytes from individuals with CML
Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:25-1:100, Functional
Application Notes	The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. The use of acetone fixation for frozen sections is recommended. This product contains sodium azide, removal by dialysis is recommended prior to use in functional assays.

Images

Flow Cytometry: CEACAM8/CD66b Antibody (80H3) [NB100-64916] - Figure A. Alexa Fluor 647 conjugated Mouse anti Human CD16) and purified Mouse IgG1 isotype control MCA928) detected with Goat anti Mouse IgG1 FITC). Figure B. Alexa Fluor 647 conjugated Mouse anti Human CD16) and purified Mouse anti Human CD66b) detected with Goat anti Mouse IgG1 FITC /a>). All experiments performed on human blood gated on live single cell granulocytes, in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer



Publications

Wong KHK, Tessier SN, Miyamoto DT et al. Whole blood stabilization for the microfluidic isolation and molecular characterization of circulating tumor cells Nat Commun. 2017-11-23 [PMID: 29170510] (Human)



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

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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