Product Datasheet

CEACAM8/CD66b Antibody (G10F5) - BSA Free
NB100-77808

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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Reviews: 2 Publications: 17

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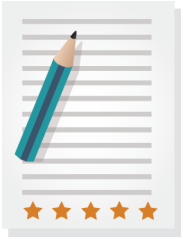
Updated 9/9/2025 v.20.1



NB100-77808

CEACAM8/CD66b Antibody (G10F5) - BSA Free

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	G10F5
Preservative	0.05% Sodium Azide
Isotype	IgM Kappa
Purity	IgM purified
Buffer	PBS

Product Description

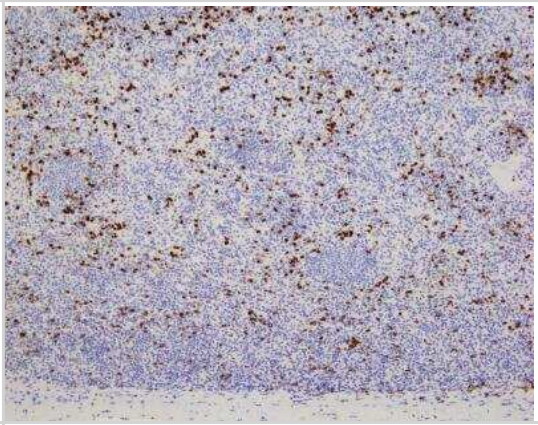
Description	Novus Biologicals Mouse CEACAM8/CD66b Antibody (G10F5) - BSA Free (NB100-77808) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. Anti-CEACAM8/CD66b Antibody: Cited in 15 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1088
Gene Symbol	CEACAM8
Species	Human, Mouse
Reactivity Notes	Predicited to cross react with Chimpanzee. Use in Mouse reported in scientific literature (PMID:33122293).
Immunogen	Human peripheral blood cells.

Product Application Details

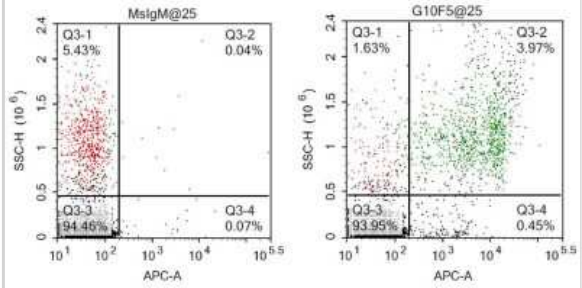
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunocytochemistry
Recommended Dilutions	Flow Cytometry 1ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 33122293), Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Immunocytochemistry, CyTOF-ready
Application Notes	It is recommended that CD66b clone G10F5 be titrated for optimal performance for each application. This antibody is CyTOF ready.

Images

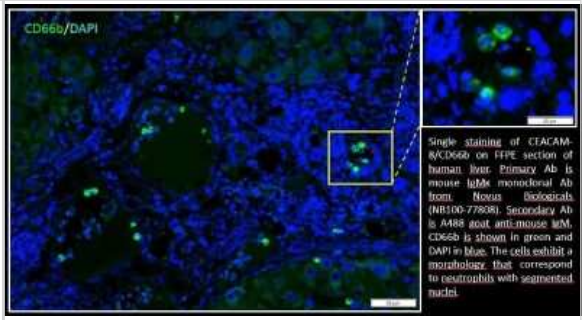
Immunohistochemistry-Paraffin: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Human spleen tissue section. Granulocytes stained positive for CD66b. IHC-P was performed using a Leica bond autostainer. Standard IHC protocol, ER2 retrieval, primary antibody was used at 1:500 in BSA/TBS. IHC-P image submitted by a verified customer review.



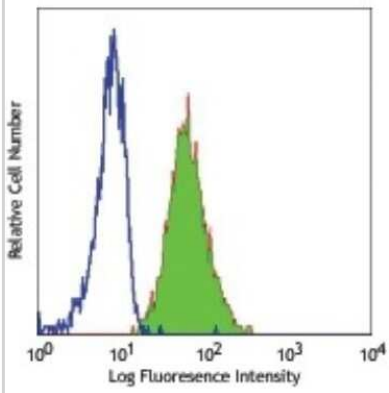
Flow Cytometry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Human peripheral blood was stained with Mouse IgM isotype control (left panel), Mouse anti-Human CEACAM-8/CD66b clone G10F5 (right panel), followed by APC-conjugated Goat anti-Mouse IgM secondary antibody.

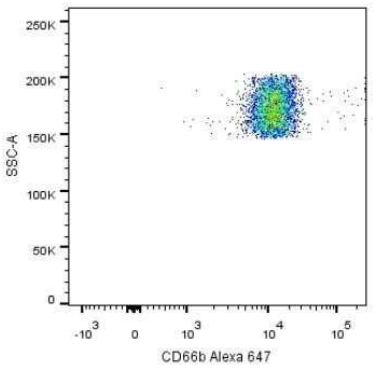
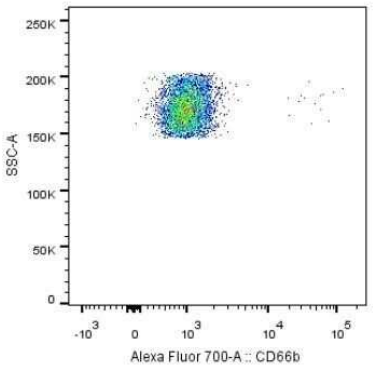
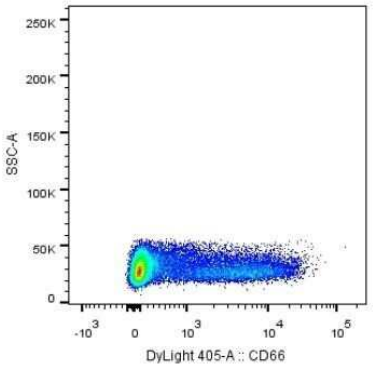
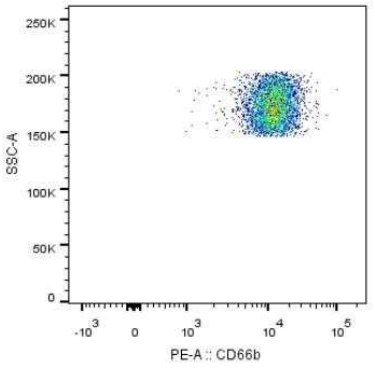


Immunohistochemistry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Staining of CD66b on FFPE section of human liver. Secondary Antibody is A488 goat anti-mouse IgM. CD66b is shown in green and DAPI in blue. Cells exhibit a morphology that correspond to neutrophils with segmented nuclei. The CD66b Ab is highly specific with virtually no background signal. IHC image submitted by a verified customer review.

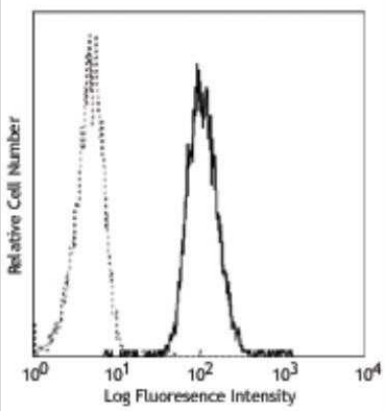


Flow Cytometry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Human peripheral blood granulocytes stained with purified G10F5, followed by anti-mouse Igs FITC.



Flow Cytometry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Analysis using the Alexa Fluor (R) 647 conjugate of NB100-77808. Staining of CD66b in human whole blood using anti-CD66b antibody. The primary antibody was used at a dilution of 1:100 and incubated for 25 minutes at 4C. Flow cytometry image submitted by a verified customer review.	
Flow Cytometry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Analysis using the Alexa Fluor(R) 700 conjugate of NB100-77808. Staining of CD66b in human whole blood using anti-CD66b antibody conjugated with Alexa Fluor 700. The primary antibody was used at a dilution of 1:100 and incubated for 25 minutes at 4C. Flow cytometry image submitted by a verified customer review.	
Flow Cytometry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Analysis using the DyLight 405 conjugate of NB100-77808. Staining of CD66b in human PBMCs using anti-CD66b antibody. Flow cytometry image submitted by a verified customer review.	
Flow Cytometry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Analysis using the PE conjugate of NB100-77808. Staining of CD66b in human whole blood using anti-CD66b antibody conjugated with PE. The primary antibody was used at a dilution of 1:100 and incubated for 25 minutes at 4C. Flow cytometry image submitted by a verifed customer review.	

Flow Cytometry: CEACAM8/CD66b Antibody (G10F5) [NB100-77808] - Analysis using the FITC conjugate of NB100-77808. Staining of Human peripheral whole blood granulocytes G10F5 FITC.



Publications

Liu W, Sahin C, Sak N et al. C-reactive protein expression in acute ischemic stroke blood clots: Implications for etiology. European stroke journal 2025-02-05 [PMID: 39910895]

Kiviaho A, Eerola SK, Kallio HML et Al. Single cell and spatial transcriptomics highlight the interaction of club-like cells with immunosuppressive myeloid cells in prostate cancer Nat Commun 2024-11-16 [PMID: 39550375]

Minjung Seo, Yeji Kim, Byong Duk Ye, Sang Hyoung Park, Seog-Young Kim, Jin Hwa Jung, Sung Wook Hwang, Sun Young Chae, Dong Yun Lee, Sang Ju Lee, Seung Jun Oh, Jihun Kim, Ji Young Kim, Sae Jung Na, Misung Kim, Sang-Yeob Kim, Norman Koglin, Andrew W Stephens, Mi-Na Kweon, Dae Hyuk Moon PET Imaging of System x C - in Immune Cells for Assessment of Disease Activity in Mice and Patients with Inflammatory Bowel Disease. Journal of nuclear medicine : official publication, Society of Nuclear Medicine 2022-10-05 [PMID: 35086893]

RodrIguez-Lorenzo S, Konings J, van der Pol S et al. Inflammation of the choroid plexus in progressive multiple sclerosis: accumulation of granulocytes and T cells Acta Neuropathol Commun 2020-02-03 [PMID: 32014066]

Ye J, Guo W, Wang C et al. Peritumoral Immune-suppressive Mechanisms Impede Intratumoral Lymphocyte Infiltration into Colorectal Cancer Liver versus Lung Metastases Cancer research communications 2023-10-12 [PMID: 37768208] (Immunohistochemistry-Paraffin, Human)

Ren X, Manzanares LD, Piccolo EB et al. Macrophage-endothelial cell crosstalk orchestrates neutrophil recruitment in inflamed mucosa The Journal of clinical investigation 2023-06-01 [PMID: 37261911] (ICC/IF, FLOW, Mouse)

Rossi R, Douglas A, Gil SM et al. S100b in acute ischemic stroke clots is a biomarker for post-thrombectomy intracranial hemorrhages Frontiers in neurology 2023-01-23 [PMID: 36756347] (ICC/IF, Human)

Li J, Han Z, Zhu Z et al. LncRNA H19 aggravates primary graft dysfunction after lung transplantation via KLF5-mediated activation of CCL28 American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons 2023-06-30 [PMID: 37394140]

Wood C, Pennel K, Leslie H et al. Spatially Resolved Transcriptomics Deconvolutes Histological Prognostic Subgroups in Patients with Colorectal Cancer and Synchronous Liver Metastases bioRxiv 2022-09-23 [PMID: 37057593] (IHC, Human)

Chen R, Cai Q, Lin P et al. Role of immune-inflamed phenotype in the prognosis of hypopharyngeal carcinoma following primary surgery Head & neck 2022-10-12 [PMID: 36222335]

Abdelnabi MN, Molina MF, Soucy G et al. Sex-Dependent Hepatoprotective Role of IL-22 Receptor Signaling in Non-Alcoholic Fatty Liver Disease-Related Fibrosis Cellular and molecular gastroenterology and hepatology 2022-08-13 [PMID: 35970323] (IHC-P, Human)

Details:
Human liver Tissue, dilution used 1:100

Adachi A, Honda T, Egawa G et al. Estradiol suppresses psoriatic inflammation in mice by regulating neutrophil and macrophage functions The Journal of allergy and clinical immunology 2022-05-04 [PMID: 35589416] (IF/IHC, Human)

More publications at http://www.novusbio.com/NB100-77808

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DC140	CD14 [HRP]

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