

# Product Datasheet

## F4/80 Antibody (Cl:A3-1) [Allophycocyanin] NB600-404APC

Unit Size: 0.125 ml

Store at 4C in the dark.

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**NB600-404APC**

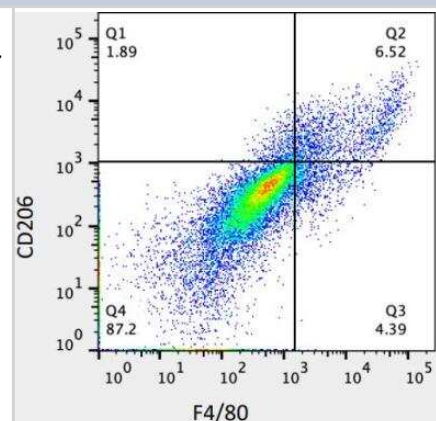
F4/80 Antibody (Cl:A3-1) [Allophycocyanin]

Product Information	
Unit Size	0.125 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	Cl:A3-1
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Allophycocyanin
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	160 kDa
Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Rat
Gene ID	13733
Gene Symbol	Adgre1
Species	Mouse
Marker	Macrophage Marker
Immunogen	Thioglycollate stimulated peritoneal macrophages from C57BL/6 mice
Product Application Details	
Applications	Western Blot, Electron Microscopy, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Radioimmunoassay
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Radioimmunoassay, Electron Microscopy

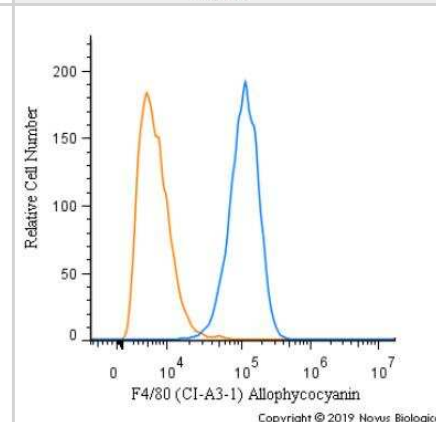


## Images

Flow Cytometry: F4/80 Antibody (CI-A3-1) [Allophycocyanin] [NB600-404APC] - Surface staining of F4/80 in CT26 colorectal carcinoma tumor model. Image from verified customer review



Flow Cytometry: F4/80 Antibody (CI-A3-1) [Allophycocyanin] [NB600-404APC] - An intracellular stain was performed on Raw 264.7 cells with F4/80 [CI-A3-1] Antibody NB600-404APC (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 conjugated to Allophycocyanin.



## Publications

Salman S, Meyers DJ, Wicks EE Et al. HIF inhibitor 32-134D eradicates murine hepatocellular carcinoma in combination with anti-PD1 therapy J Clin Invest 2022-05-02 [PMID: 35499076] (FLOW, FLOW, Mouse)

Details:

Citation using the Alexa Fluor 488 version of this antibody.

Samanta D, Huang T, Shah R et al. BIRC2 Expression Impairs Anti-Cancer Immunity and Immunotherapy Efficacy Cell Rep [PMID: 32846130] (FLOW, Mouse)

Details:

Citation using the PE format of this antibody.

Zhang H, Lu H, Xiang L et al. HIF-1 regulates CD47 expression in breast cancer cells to promote evasion of phagocytosis and maintenance of cancer stem cells. Proc Natl Acad Sci. 2015-11-10 [PMID: 26512116] (FLOW, Human)

Details:

This citation used the Allophycocyanin form of this antibody.



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### **Products Related to NB600-404APC**

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IC013A	Rat IgG2b Isotype Control (141945) [Allophycocyanin]
NB600-404G	F4/80 Antibody (Cl:A3-1) [DyLight 488]
210-TA-005	TNF-alpha [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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