

Product Datasheet

CD68/SR-D1 Antibody (ED1) [Allophycocyanin] NB600-985APC

Unit Size: 0.125 ml

Store at 4C in the dark.

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NB600-985APC

CD68/SR-D1 Antibody (ED1) [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	ED1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Allophycocyanin
Purity	Protein A or G purified
Buffer	PBS

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	Mouse
Gene ID	968
Gene Symbol	CD68
Species	Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28747511). Monkey reactivity reported from a verified customer review.
Marker	Macrophage Marker
Specificity/Sensitivity	This CD68/SR-D1 Antibody (ED1) recognizes a single chain glycoprotein of 110 kDa that is expressed predominantly on the lysosomal membrane of myeloid cells. Weak cell surface expression also occurs. The antigen is expressed by the majority of tissue macrophages and weakly by peripheral blood granulocytes. Studies have shown that the antigen recognized by ED1 is the rat homologue of human CD68.
Immunogen	Rat spleen cells

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Radioimmunoassay
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Radioimmunoassay, Flow (Intracellular)



Images

Product Image: CD68/SR-D1 Antibody (ED1) [Allophycocyanin] [NB600-985APC] - Vial of APC conjugated antibody. APC is optimally excited at 650 nm by the Red laser (633 or 640 nm) and has an emission maximum of 660 nm.



Publications

Schlotter F, de Freitas RCC, Rogers MA Et al. ApoC-III is a novel inducer of calcification in human aortic valves J Biol Chem 2020-12-18 [PMID: 33334888] (FLOW, Human)

Details:

Citation using the PE version of this antibody.

Pan X, Zhang K, Shen C et al. Astaxanthin promotes M2 macrophages and attenuates cardiac remodeling after myocardial infarction by suppression inflammation in rats Chin. Med. J. 2020-08-05 [PMID: 32701588] (FLOW, Rat)

Details:

Citation using the Allophycocyanin format of this antibody.



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Products Related to NB600-985APC

NBP1-97005APC	Mouse IgG1 Isotype Control (MG1) [Allophycocyanin]
NB600-985V	CD68/SR-D1 Antibody (ED1) [DyLight 405]
NBP2-53081-50ug	Recombinant Human CD68/SR-D1 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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