

Product Datasheet

CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free NBP2-80656

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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NBP2-80656

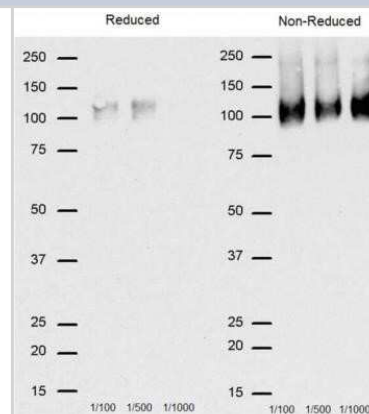
CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	FA-11
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Rat CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free (NBP2-33337) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	968
Gene Symbol	CD68
Species	Mouse
Immunogen	This CD68/SR-D1 Antibody (FA-11) was developed against purified ConA acceptor glycoproteins from the P815 cell line.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready, Single Cell Western
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 2 ug/ml, Immunohistochemistry-Frozen 1:10-1:500, Functional reported in scientific literature (PMID 11085350), Flow (Intracellular), CyTOF-ready, Single Cell Western
Application Notes	For Flow Cytometry: Use 10 uL of suggested dilution to label 10 ⁶ cells in 100 uL. IHC requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

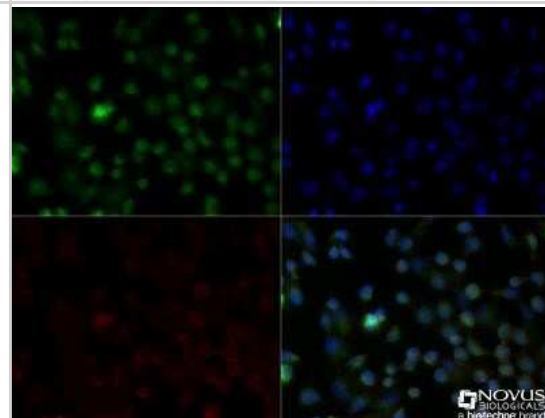


Images

Western Blot: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - Expression on J774 cells. Image from the standard format of this antibody.



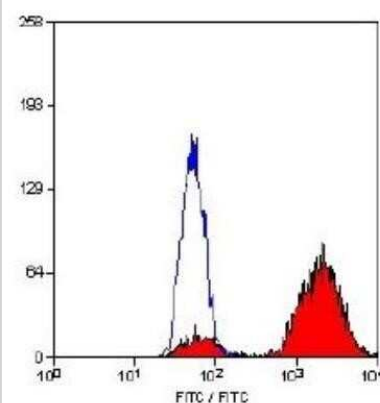
Immunocytochemistry/Immunofluorescence: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - Wehi-3 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti CD68 (FA-11) [NBP2-33337] at a 1:100 dilution overnight at 4C and detected with an anti-rat DyLight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



Immunohistochemistry: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - Mouse spleen. Image from the standard format of this antibody.



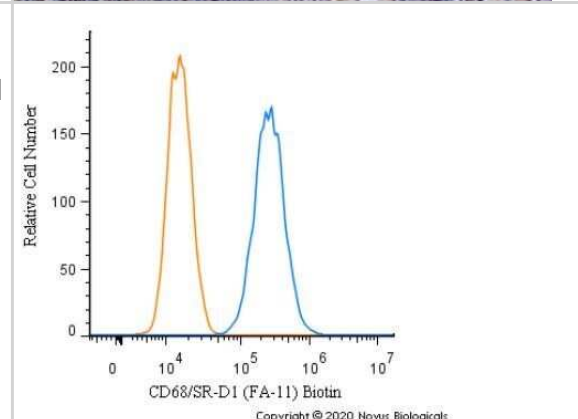
Flow Cytometry: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - Staining of permeabilised Mouse peritoneal Macrophages cells with Rat anti Mouse CD68 Antibody (Clone FA-11) visualised with F(ab')₂ Goat Anti Rat IgG:FITC (Mouse Adsorbed). Image from the standard format of this antibody.



Immunohistochemistry: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - Mouse spleen cryosection. Image from the standard format of this antibody.



Flow Cytometry: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - An intracellular stain was performed on Raw264.7 cells with CD68/SR-D1 Antibody (FA-11) NBP2-33337B (blue) and a matched isotype control (orange). Both antibodies were directly conjugated to Biotin. Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Streptavidin - R-Phycoerythrin Protein (2012-1000, Novus Biologicals). Image from the standard format of this antibody.





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Products Related to NBP2-80656

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
NBP2-21947-0.1mg	Rat IgG2a Isotype Control (2A3)
NBP2-53081-50ug	Recombinant Human CD68/SR-D1 His Protein

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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