

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.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80656

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80656



NBP2-80656

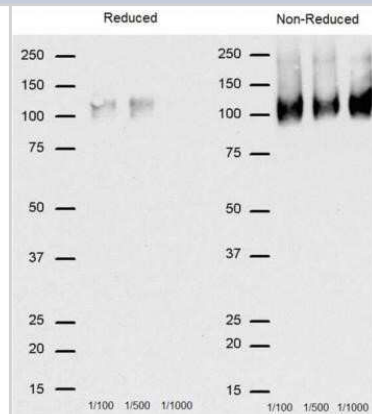
CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free

| 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. |

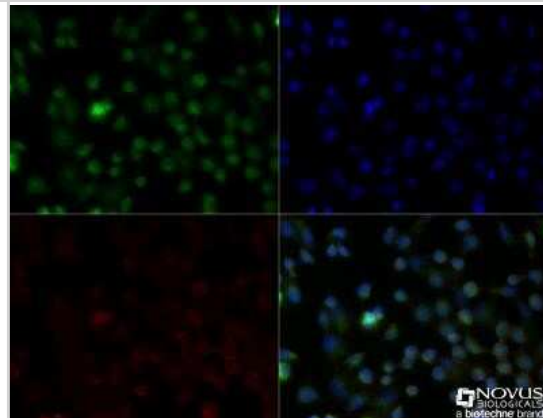


Images

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.



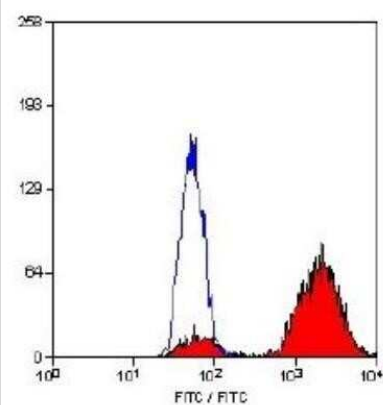
Immunocytochemistry/Immunofluorescence: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - Wehi-3 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton X-100. The cells were incubated with anti CD68 (FA-11) [NBP2-33337] at a 1:100 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.



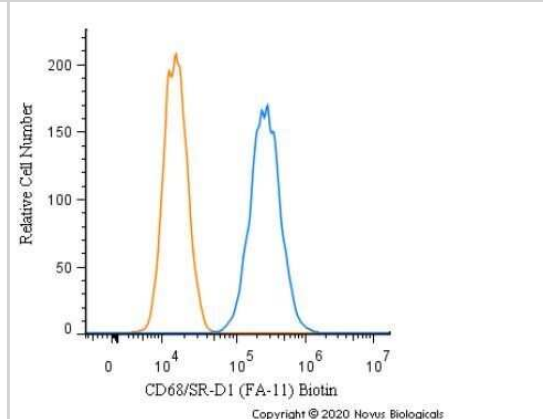
Flow Cytometry: CD68/SR-D1 Antibody (FA-11) - Azide and BSA Free [NBP2-80656] - Staining of permeabilised Mouse peritoneal Macrophages cells with Rat anti Mouse CD68 Antibody (Clone FA-11) visualised with F(ab')₂ Goat Anti Rat IgG:FITC (Mouse Adsorbed). Image from the standard format of this antibody.



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.





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

Products Related to NBP2-80656

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF005 | Goat anti-Rat IgG Secondary Antibody [HRP] |
| NB7115 | Goat anti-Rat IgG (H+L) Secondary Antibody [HRP] |
| NBP2-21947-0.1mg | Rat IgG2a Isotype Control (2A3) |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80656

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

