

Product Datasheet

F4/80 Antibody (BM8) [FITC]

NB100-77700-0.5mg

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-77700

Updated 5/4/2021 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/NB100-77700



NB100-77700-0.5mg

F4/80 Antibody (BM8) [FITC]

Product Information	
Unit Size	0.5 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BM8
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Conjugate	FITC
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Host	Rat
Gene ID	13733
Gene Symbol	Adgre1
Species	Mouse
Reactivity Notes	The monoclonal antibody BM8 cross reacts with human heart macrophages.
Marker	Macrophage Marker
Immunogen	This F4/80 Antibody (BM8) was developed against BALB/c macrophages obtained from 14-day-old bone marrow cell cultures.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry < = 0.25 ug/10 ⁶ cells in 100 ul
Application Notes	This antibody works in Flow Cytometry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Western Blot. The typical starting working dilution is 1:50. F4/80 is sensitive to 2-mercaptoethanol. The antibody requires proteinase K treatment of paraffin sections.



Publications

Song X, Shi Y, You J, et al D-4F, an apolipoprotein A-I mimetic, suppresses IL-4 induced macrophage alternative activation and pro-fibrotic TGF-beta expression. *Pharm Biol.* 2019-07-23 [PMID: 31335245] (FLOW, Human)

Hu R, Chen Z-F, Yan J et al. Complement C5a exacerbates acute lung injury induced through autophagy-mediated alveolar macrophage apoptosis. *Cell Death & Disease* 2014-01-01 [PMID: 25032853] (FLOW, Mouse)

Poeckel D, Zemski Berry KA, Murphy RC et al. Dual 12/15- and 5-lipoxygenase deficiency in macrophages alters arachidonic acid metabolism and attenuates peritonitis and atherosclerosis in ApoE knock-out mice *J Biol Chem* [PMID: 19509298]

Details:

Used the FITC form of this antibody.

Kobayashi M, Yoshida T, Takeuchi D et al. Gr-1(+)CD11b(+) cells as an accelerator of sepsis stemming from *Pseudomonas aeruginosa* wound infection in thermally injured mice *J Leukoc Biol* 2008-06-01 [PMID: 18372338]

Details:

This citation used the FITC version of this antibody.

Schaller E, Macfarlane AJ, Rupec RA et al. Inactivation of the F4/80 glycoprotein in the mouse germ line. *Mol Cell Biol.* 2002-11-01 [PMID: 12391169]

Stevceva L, Pavli P, HusbAJ et al. The inflammatory infiltrate in the acute stage of the dextran sulphate sodium induced colitis: B cell response differs depending on the percentage of DSS used to induce it *BMC Clin Pathol* 1905-06-23 [PMID: 11580872]

Details:

Used the FITC form 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

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/NB100-77700

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

