

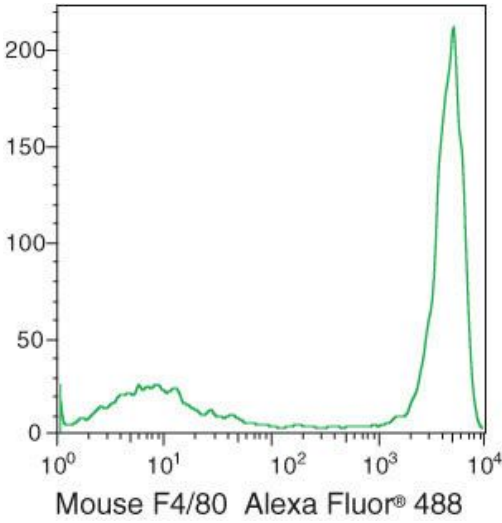
F4/80 Monoclonal Antibody (BM8), Alexa Fluor 488

Product Details

Size	1 mL
Species Reactivity	Mouse
Published Species	Mouse, Human
Host/Isotope	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	BM8
Conjugate	Alexa Fluor® 488
Immunogen	mouse F4/80 which is a macrophage-restricted cell surface glycoprotein.
Form	Liquid
Concentration	0.2 mg/mL
Purification	purified
Storage buffer	PBS with 4mg/mL BSA, sucrose
Contains	0.1% sodium azide
Storage Conditions	4° C
RRID	AB_10376287

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	Assay Dependent	9 Publications
Immunohistochemistry (IHC)	-		3 Publications
Immunofluorescence (IF)	-		4 Publications
Immunohistochemistry (Frozen) (IHC (F))	-		3 Publications
Immunocytochemistry (ICC)	-	1:100	1 Publication
Miscellaneous PubMed (MISC)	-		1 Publication

Product Images For F4/80 Monoclonal Antibody (BM8), Alexa Fluor 488



F4/80 Antibody (MF48020) in Flow

Fresh mouse splenocytes were stained using Alexa Fluor® 488 of rat anti-mouse F4 / 80 antibody (clone: BM8). The negative control profiles represent unstained cells.

[View more figures on thermofisher.com](http://thermofisher.com)

21 References

Flow Cytometry (9)

Proceedings of the National Academy of Sciences of the United States of America

Myeloid ERK5 deficiency suppresses tumor growth by blocking protumor macrophage polarization via STAT3 inhibition.

"Published figure using F4/80 monoclonal antibody (Product # MF48020) in Flow Cytometry"

Authors: Giurisato E, Xu Q, Lonardi S, Telfer B, Russo I, Pearson A, Finegan KG, Wang W, Wang J, Gray NS, Vermi W, Xia Z, Tournier C

Species
Not Applicable

Dilution
Not Cited

Year
2018

The Journal of biological chemistry

Multiple roles of filopodial dynamics in particle capture and phagocytosis and phenotypes of Cdc42 and Myo10 deletion.

"MF48020 was used in flow cytometry and immunocytochemistry to elucidate the mechanisms by which filopodia clear pathogens"

Authors: Horsthemke M, Bachg AC, Groll K, Moyzio S, Müther B, Hemkemeyer SA, Wedlich-Söldner R, Sixt M, Tacke S, Bähler M, Hanley PJ

Species
Mouse

Dilution
5:200

Year
2017

[View more Flow references on thermofisher.com](#)

Immunohistochemistry (3)

PloS one

Targeting Serglycin Prevents Metastasis in Murine Mammary Carcinoma.

"MF48020 was used in immunohistochemistry to analyze prevention of metastasis in murine mammary carcinoma by targeting serglycin"

Authors: Roy A, Femel J, Huijbers EJ, Spillmann D, Larsson E, Ringvall M, Olsson AK, Åbrink M

Species
Not Applicable

Dilution
Not Cited

Year
2017

PloS one

PLD-Specific Small-Molecule Inhibitors Decrease Tumor-Associated Macrophages and Neutrophils Infiltration in Breast Tumors and Lung and Liver Metastases.

"MF48020 was used in immunohistochemistry to assess the importance of targeting phospholipase D-2 on the breast cancer tumor microenvironment"

Authors: Henkels KM, Muppani NR, Gomez-Cambronero J

Species
Human
Mouse
Not Applicable

Dilution
Not Cited
1:200
Not Cited

Year
2017

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

[IF \(4\)](#) [IHC \(F\) \(3\)](#) [ICC \(1\)](#) [MISC \(1\)](#)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.