

Product Datasheet

M-CSFR/CD115 Antibody (AFS98) - BSA Free NBP1-43363-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-43363-0.1mg

M-CSFR/CD115 Antibody (AFS98) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	AFS98
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

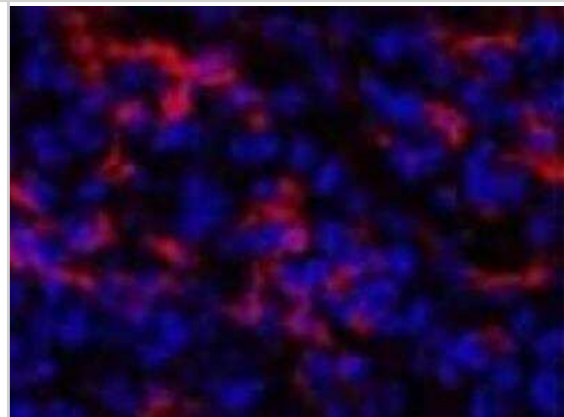
Product Description	
Description	Novus Biologicals Rat M-CSFR/CD115 Antibody (AFS98) - BSA Free (NBP1-43363) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-M-CSFR/CD115 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	1436
Gene Symbol	CSF1R
Species	Mouse
Immunogen	The immunogen for this antibody was CD115.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry & 1 ug/10 ⁶ cells, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:10 - 1:500, Block/Neutralize
Application Notes	The AFS98 antibody has been tested by blocking of fluorochrome conjugated AFS98 in flow cytometric analysis of peritoneal exudate cells. This can be used at less than or equal to 1 ug per test. Cell number should be determined empirically but can range from 10 ⁵ to 10 ⁸ cells/test. Use in Blocking/Neutralizing reported in scientific literature (PMID: 24056963). This M-CSFR/CD115 Antibody (AFS98) is validated for IHC-P from a verified customer review.

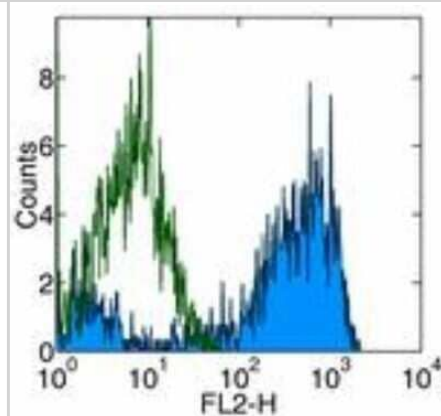


Images

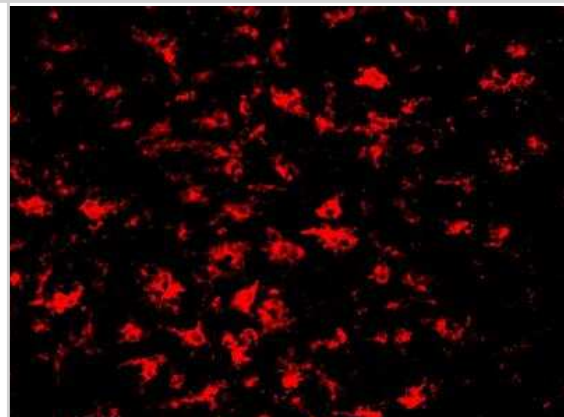
Immunohistochemistry-Paraffin: M-CSFR/CD115 Antibody (AFS98) [NBP1-43363] - Mouse tumor tissue stained with M-CSFR/CD115 Antibody (AFS98). Tissue sections were deparaffinized and incubated with the antibody O/N at 4C. IHC-P image submitted by a verified customer review.



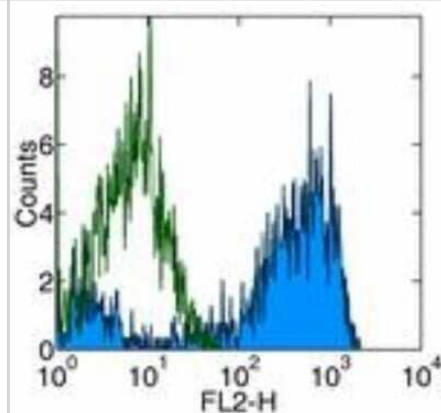
Flow Cytometry: M-CSF R/CD115 Antibody (AFS98) [NBP1-43363] - Analysis using the Biotin conjugate of NBP1-43363. Staining of thioglycolate-induced peritoneal exudate cells with Anti-Mouse CD115 (c-fms) PE. Appropriate isotype controls were used (open histogram).



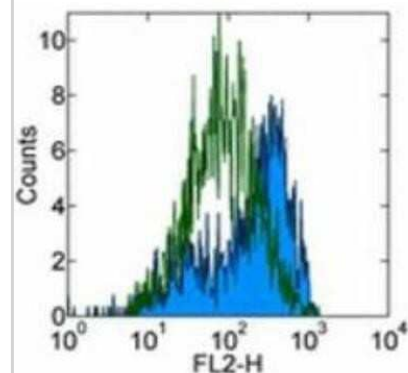
Immunohistochemistry-Frozen: M-CSFR/CD115 Antibody (AFS98) [NBP1-43363] - Mouse brain section. Antibody at 1:200. IHC-Fr image submitted by a verified customer review.



Flow Cytometry: M-CSF R/CD115 Antibody (AFS98) [NBP1-43363] - Staining of thioglycolate-induced peritoneal exudate cells with Anti-Mouse CD115 (c-fms) PE. Appropriate isotype controls were used (open histogram). Cells in the large scatter population were used for analysis.



Flow Cytometry: M-CSF R/CD115 Antibody (AFS98) [NBP1-43363] - Staining of thioglycolate-induced peritoneal exudate cells (PECs) with 0.25 ug of Rat IgG2a kappa Isotype Control Purified (NBP1-43321) (open histogram) or 0.25 ug of Anti-Mouse CD115 (c-fms) Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.



Publications

Abdelbasset M, Saron WAA, Ma D, Rathore APS et al. Differential contributions of fetal mononuclear phagocytes to Zika virus neuroinvasion versus neuroprotection during congenital infection Cell 2024-11-12 [PMID: 39532096]

Sharma VP, Beaty BT, Cox D et al. An in vitro one-dimensional assay to study growth factor-regulated tumor cell-macrophage interaction. Methods Mol Biol 2014-01-01 [PMID: 24908299]

Roh-Johnson M, Bravo-Cordero JJ, Patsialou A et al. Macrophage contact induces RhoA GTPase signaling to trigger tumor cell intravasation. Oncogene. 2013-09-23 [PMID: 24056963] (B/N, Mouse)



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 NBP1-43363-0.1mg

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]
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)

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

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