

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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technical@novusbio.com

Reviews: 2 Publications: 2

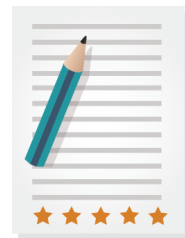
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NBP1-43363-0.1mg

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

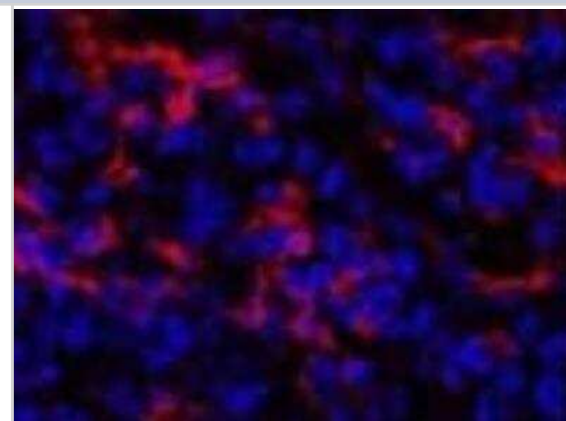
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	AFS98
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Host	Rat
Gene ID	1436
Gene Symbol	CSF1R
Species	Mouse
Immunogen	The immunogen for this antibody was CD115.

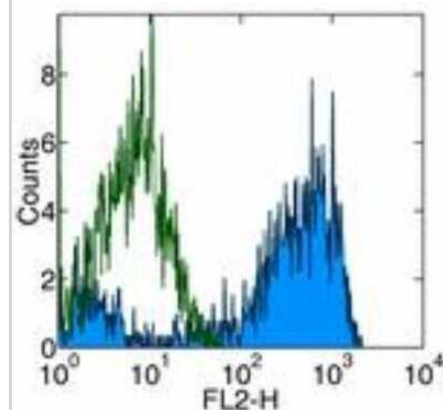
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Block/Neutralize
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry < 1 ug/10 ⁶ cells, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin, 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

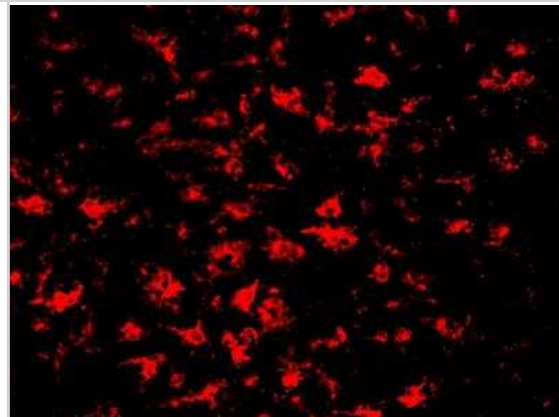
Immunohistochemistry-Paraffin: M-CSFR/CD115 Antibody (AFS98) [NBP1-43363] - Mouse tumor tissue stained with M-CSFR/CD115 Antibody (AFS98). Tissue sections were deparaffinized and incubated with the antibody O/N at 4C. IHC-P image submitted by a verified customer review.



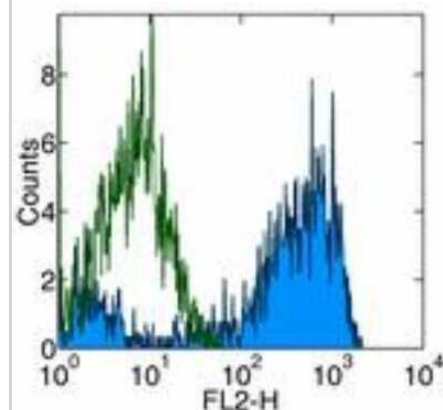
Flow Cytometry: M-CSF R/CD115 Antibody (AFS98) [NBP1-43363] - Analysis using the Biotin conjugate of NBP1-43363. Staining of thioglycolate-induced peritoneal exudate cells with Anti-Mouse CD115 (c-fms) PE. Appropriate isotype controls were used (open histogram).



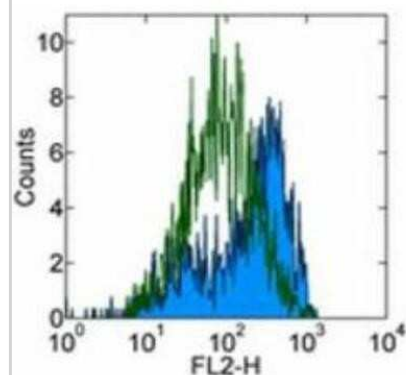
Immunohistochemistry-Frozen: M-CSFR/CD115 Antibody (AFS98) [NBP1-43363] - Mouse brain section. Antibody at 1:200. IHC-Fr image submitted by a verified customer review.



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

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)



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Products Related to NBP1-43363-0.1mg

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
NBP1-43363APC	M-CSFR/CD115 Antibody (AFS98) [Allophycocyanin]

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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