

Product Datasheet

CD40/TNFRSF5 Antibody (5C3) - BSA Free NBP1-43416-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-43416-0.1mg

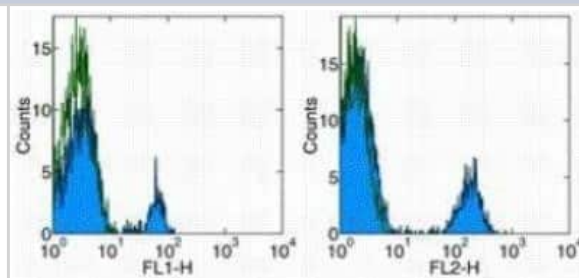
CD40/TNFRSF5 Antibody (5C3) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	5C3
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)
Product Description	
Description	Novus Biologicals Mouse CD40/TNFRSF5 Antibody (5C3) - BSA Free (NBP1-43416) is a monoclonal antibody validated for use in IHC, Flow and ICC/IF. Anti-CD40/TNFRSF5 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	958
Gene Symbol	CD40
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (Chechneva O et al).
Immunogen	The immunogen for this antibody was CD40.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	The 5C3 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. 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. This antibody may also be used for immunohistochemical staining of frozen tissue sections. 5C3 has also been reported in in vitro functional studies.

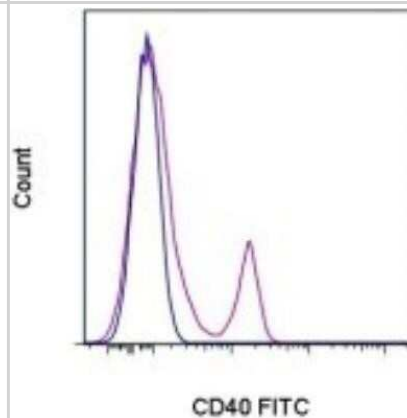


Images

Flow Cytometry: CD40/TNFRSF5 Antibody (5C3) [NBP1-43416] - Analysis using the PE conjugate of NBP1-43416. Analysis of human peripheral blood leukocytes using CD40 PE conjugate. 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.



Flow Cytometry: CD40/TNFRSF5 Antibody (5C3) [NBP1-43416] - Analysis using the FITC conjugate of NBP1-43416. Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control FITC (blue histogram) or Anti-Human CD40 FITC (purple histogram). Cells in the lymphocyte gate were used for analysis.



Publications

Woodruff M, Ramonell R, Cashman K et al. Critically ill SARS-CoV-2 patients display lupus-like hallmarks of extrafollicular B cell activation medRxiv 2020-05-03 [PMID: 32511635]

Chechneva O, Mayrhofer F, Dariychuk Z et al. p38a in CD11c+ cells drives sex-specific differences during progression of autoimmune demyelination bioRxiv 2018-08-20 (IF/IHC, Mouse)



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Products Related to NBP1-43416-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-51628-0.05mg	Recombinant Human CD40/TNFRSF5 His Protein

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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