

Product Datasheet

CD35 Antibody (7G6) - Chimeric - Azide and BSA Free NBP2-52667-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-52667-0.2mg

CD35 Antibody (7G6) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	7G6
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

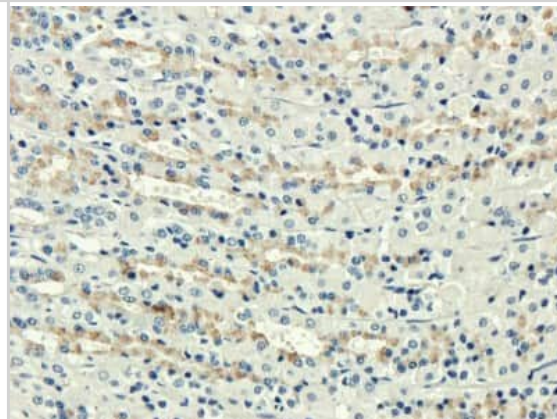
Product Description	
Host	Rabbit
Gene ID	1378
Gene Symbol	CR1
Species	Mouse
Specificity/Sensitivity	Recognises an epitope shared by 145-150kDa and 190kDa complement receptor proteins, originally designated CR2 (CD21) and CR1 (CD35).
Immunogen	Purified Mouse CR1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000 Blocking/Neutralizing 50 - 200 molar excess, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500, Functional, CyTOF-ready, Block/Neutralize
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques. This antibody binds mouse complement receptors CR1 and CR2, functionally blocking CR2 leading to suppression of a normal antibody immune response (see Heyman et al. 1990, PMID: 1695671)

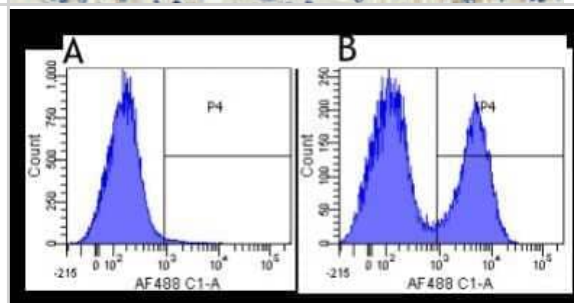


Images

Immunohistochemistry: CD35 Antibody (7G6) - Chimeric [NBP2-52667] - Immunohistochemical staining of rat stomach using anti-Complement receptors 1&2 antibody NBP2-52667. Formalin fixed rat stomach slices were stained with NBP2-52667 at 3 ug/ml.



Flow Cytometry: CD35 Antibody (7G6) - Chimeric [NBP2-52667] - Flow-cytometry using anti-complement receptors 1 & 2 antibody 7G6 (NBP2-52667). Mouse lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of 7G6 (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



Publications

Jiang L, Yilmaz M, Uehara M et al. Characterization of Leptin Receptor+ Stromal Cells in Lymph Node Frontiers in Immunology 2022-01-17 [PMID: 35111151] (IHC-Fr, Mouse)

Nishri Y, Fainstein N, Goldfarb S et al. Modeling compartmentalized chronic immune-mediated demyelinating CNS disease in the Biozzi ABH mouse Journal of neuroimmunology 2021-04-21 [PMID: 33910137]



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Products Related to NBP2-52667-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-13872PEP	CD35 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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