

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 |

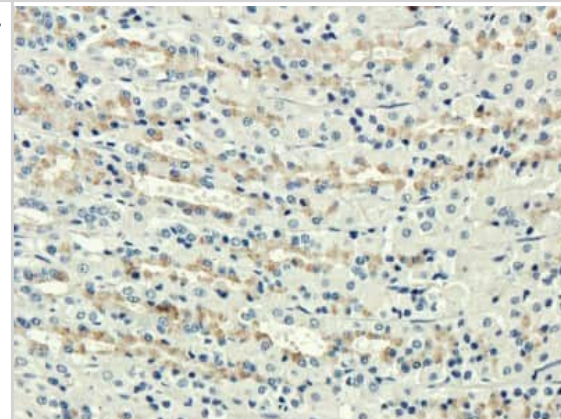
| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Rabbit CD35 Antibody (7G6) - Chimeric - Azide and BSA Free (NBP2-52667) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-CD35 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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) |

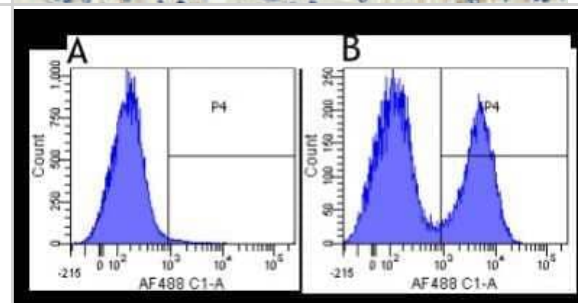


Images

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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