

Product Datasheet

CD35 Antibody (SPM554) **NBP2-32821-0.1mg**

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32821-0.1mg

CD35 Antibody (SPM554)

Product Information

| | |
|---------------|--------------------------|
| Unit Size | 0.1 mg |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | SPM554 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |

Product Description

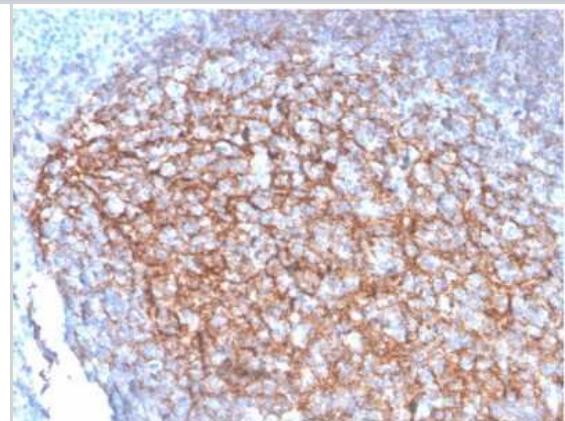
| | |
|-------------------------|--|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34796) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Mouse |
| Gene ID | 1378 |
| Gene Symbol | CR1 |
| Species | Human, Baboon, Cynomolgus Monkey, Rhesus Macaque |
| Marker | Follicular Dendritic Cell Marker |
| Specificity/Sensitivity | Recognizes a protein of 210-220kDa, which is identified as the complement receptor 1 (CR1)/CD35. This monoclonal antibody is specific for a site in CR1 that is distal from the C3b-binding site, so that it is unable to block CR1 activity. This monoclonal antibody is highly specific to CR1 and shows no cross-reaction with CR2. The primary function of CR1 is to serve as the cellular receptor for C3b and C4b, the most important components of the complement system leading to clearance of foreign macromolecules. The Knops blood group system is a system of antigens located on this protein. Follicular dendritic cells (FDC) are restricted to the B-cell regions of secondary lymphoid follicles. They are CD21+/CD35+/CD1a-. This monoclonal antibody labels follicular dendritic cells and follicular dendritic cell sarcoma. |
| Immunogen | Intact human monocytes |

Product Application Details

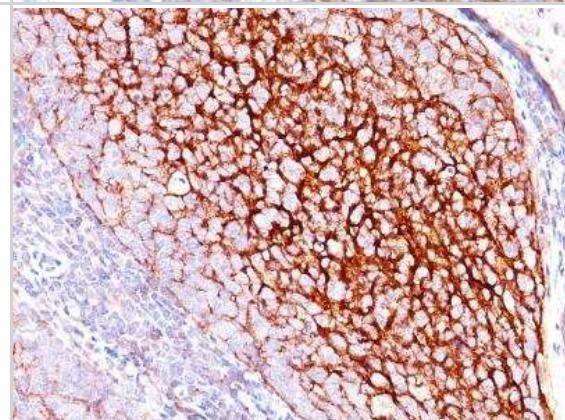
| | |
|-----------------------|---|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

Images

Immunohistochemistry-Paraffin: CD35 Antibody (SPM554) [NBP2-32821] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD35 Antibody (SPM554).



Immunohistochemistry-Paraffin: CD35 Antibody (SPM554) [NBP2-32821] - Formalin-fixed, paraffin-embedded human tonsil stained with CD35 MAAb (SPM554). Note cell membrane staining.





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Products Related to NBP2-32821-0.1mg

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| NBP2-13871PEP | CD35 Recombinant Protein Antigen |

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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