

# Product Datasheet

## CD35 Antibody (SPM554) [DyLight 680] NBP2-34796FR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34796FR**

CD35 Antibody (SPM554) [DyLight 680]

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Monoclonal  |
| Clone               | SPM554  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa  |
| Conjugate           | DyLight 680   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Description             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.  |
| 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   |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |





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### **Products Related to NBP2-34796FR**

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|                    |   |
|--------------------|---|
| NBP1-43319FR-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 680] |
| NBP2-13872PEP      | CD35 Recombinant Protein Antigen                            |
| 210-TA-005         | TNF-alpha [Unconjugated]                                    |
| 5748-CD-050        | CD35  |

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### **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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