

## CD20 / MS4A1 (B-Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone 2H7]

| Catalog No      | Format                                       | Size   |
|-----------------|--|--------|
| 931-MSM16-P0    | Purified Ab with BSA and Azide at 200ug/ml   | 20 ug  |
| 931-MSM16-P1    | Purified Ab with BSA and Azide at 200ug/ml   | 100 ug |
| 931-MSM16-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications          | Tested Dillution    | Note |
|-----------------------|---------------------|------|
| Flow Cytometry (Flow) | 1-2ug/million cells |      |

### Product Details

|                        |                                 |
|------------------------|---------------------------------|
| Clone                  | 2H7                             |
| Immunogen              | Recombinant human MS4A1 protein |
| Host                   | Mouse                           |
| Clonality              | Monoclonal                      |
| Isotype / Light Chain  | IgG2b / Kappa                   |
| Mol. Weight of Antigen | 33.08kDa                        |
| Cellular Localization  | Cell membrane                   |
| Species Reactivity     | Human                           |
| Positive Control       | Expressed on B-cells            |

\*Optimal dilution for a specific application should be determined.

### Product Images for CD20 / MS4A1 (B-Cell Marker) Antibody

#### Specificity & Comments

B-lymphocyte-specific membrane protein that plays a role in the regulation of cellular calcium influx necessary for the development, differentiation, and activation of B-lymphocytes (PubMed:12920111, PubMed:3925015, PubMed:7684739). Functions as a store-operated calcium (SOC) channel component promoting calcium influx after activation by the B-cell receptor/BCR (PubMed:12920111, PubMed:18474602, PubMed:7684739).

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.