

MS4A1 monoclonal antibody, clone B-Ly1

Catalog # MAB5615 Size 100 ug

Specification

| | |
|---------------------|--|
| Product Description | Mouse monoclonal antibody raised against MS4A1. |
| Immunogen | Human MS4A1. |
| Host | Mouse |
| Reactivity | Human |
| Specificity | human CD20. |
| Form | Liquid |
| Isotype | IgG1 |
| Recommend Usage | The optimal working dilution should be determined by the end user. |
| Storage Buffer | In 100 mM BBS, pH 8.2 |
| Storage Instruction | Store at 4°C. |

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

Gene Info — MS4A1

| | |
|---------------|--|
| Entrez GeneID | 931 |
| Gene Name | MS4A1 |
| Gene Alias | B1, Bp35, CD20, LEU-16, MGC3969, MS4A2, S7 |

| | |
|--------------------|--|
| Gene Description | membrane-spanning 4-domains, subfamily A, member 1 |
| Omim ID | 112210 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq] |
| Other Designations | B-lymphocyte cell-surface antigen B1 CD20 antigen CD20 receptor |

Publication Reference

- [CD20: a regulator of cell-cycle progression of B lymphocytes.](#)

Tedder TF, Engel P.

Immunology Today 1994 Sep; 15(9):450.

- [Isolation and structure of a cDNA encoding the B1 \(CD20\) cell-surface antigen of human B lymphocytes.](#)

Tedder TF, Streuli M, Schlossman SF, Saito H.

PNAS 1988 Jan; 85(1):208.

Application: IP, Human, Raji cells

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)

- [Neoplasm Recurrence](#)
- [Ovarian cancer](#)