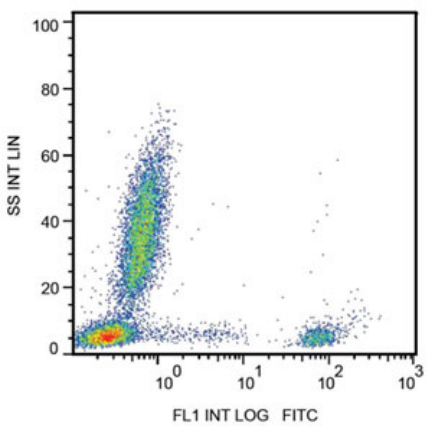
MS4A1 monoclonal antibody, clone 2H7 (PerCP)

Catalog # MAB10173 Size 100 Reactions

Applications



Flow Cytometry

Surface staining of human peripheral blood with MS4A1 monoclonal antibody, clone 2H7 (FITC).

Specification

Product Description	Mouse monoclonal antibody raised against MS4A1.
Immunogen	Human tonsillar B cells.
Host	Mouse
Theoretical MW (kDa)	33-37
Reactivity	Human, Non-Human Primates
Form	Liquid
Conjugation	PerCP
Purification	Size-exclusion chromatography purification
Isotype	IgG2b
Recommend Usage	Flow Cytometry (0.6 ug/ml) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  Surface staining of human peripheral blood with MS4A1 monoclonal antibody, clone 2H7 (FITC).
- Immunoprecipitation

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 nasce nt protein family are characterized by common structural features and similar intron/exon splice bo undaries and display unique expression patterns among hematopoietic cells and nonlymphoid tis sues. 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

Pathway

- Hematopoietic cell lineage

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Disease

- Breast cancer
- Breast Neoplasms
- Genetic Predisposition to Disease
- Lymphoma
- Neoplasm Recurrence
- Ovarian cancer

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