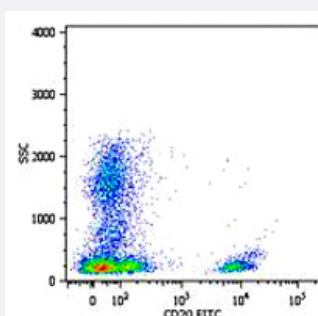


# MS4A1 monoclonal antibody, clone LT20

Catalog # MAB0964      Size 100 ug

## Applications



### Flow Cytometry

Surface staining of human peripheral blood cells with MS4A1 monoclonal antibody, clone LT20 (Cat # MAB0964) FITC.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against native MS4A1.
<b>Immunogen</b>	Native purified MS4A1 from normal human lymphocytes from lymph node.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein-A affinity chromatography.
<b>Isotype</b>	IgG2a
<b>Recommend Usage</b>	The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

Surface staining of human peripheral blood cells with MS4A1 monoclonal antibody, clone LT20 (Cat # MAB0964) FITC.

## Gene Info — MS4A1

Entrez GeneID	<a href="#">931</a>
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	<a href="#">112210</a>
Gene Ontology	<a href="#">Hyperlink</a>
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

## Pathway

- [Hematopoietic cell lineage](#)

## Disease

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

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