

## Cd19 monoclonal antibody, clone MB19-1 (FITC)

Catalog # MAB5695

Size 500 ug

### Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against Cd19.
<b>Immunogen</b>	CD19+ mouse pre-B cell line, 300.191.
<b>Host</b>	Mouse
<b>Reactivity</b>	Mouse
<b>Specificity</b>	CD19 B cell differentiation antigen, Mr 95 KDa.
<b>Form</b>	Liquid
<b>Conjugation</b>	FITC
<b>Isotype</b>	IgA, kappa
<b>Recommend Usage</b>	Flow Cytometry (1 ug/10 <sup>6</sup> cells) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. 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

- Immunoprecipitation
- Flow Cytometry

## Gene Info — Cd19

**Entrez GeneID** [12478](#)**Gene Name** Cd19**Gene Alias** AW495831**Gene Description** CD19 antigen**Gene Ontology** [Hyperlink](#)**Other Designations** -

## Publication Reference

- [CD19 regulates B lymphocyte signaling thresholds critical for the development of B-1 lineage cells and autoimmunity.](#)

Sato S, Ono N, Steeber DA, Pisetsky DS, Tedder TF.

Journal of Immunology 1996 Nov; 157(10):4371.

Application: Flow Cyt, Mouse, Mouse B lymphocyte

- [The signaling activity of murine CD19 is regulated during cell development.](#)

Krop I, Shaffer AL, Fearon DT, Schlissel MS.

Journal of Immunology 1996 Jul; 157(1):48.

- [Self-renewal of B-1 lymphocytes is dependent on CD19.](#)

Krop I, de Fougerolles AR, Hardy RR, Allison M, Schlissel MS, Fearon DT.

European Journal of Immunology 1996 Jan; 26(1):238.