Cd19 monoclonal antibody, clone MB19-1 (APC/Cy5.5)

Catalog # MAB5701 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against Cd19.
Immunogen	CD19+ mouse pre-B cell line, 300.191.
Host	Mouse
Reactivity	Mouse
Specificity	CD19 B cell differentiation antigen, Mr 95 KDa.
Form	Liquid
Conjugation	APC/Cy5.5
Isotype	IgA, kappa
Recommend Usage	Flow Cytometry (0.2 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry
- Immunoprecipitation

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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.

- 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.

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