

Datasheet

Cd19 monoclonal antibody, clone MB19-1 (Biotin)

Catalog Number: MAB5696

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against Cd19.

Clone Name: MB19-1

Immunogen: CD19+ mouse pre-B cell line, 300.191.

Host: Mouse

Reactivity: Mouse

Applications: Flow Cyt, IP

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: CD19 B cell differentiation antigen, Mr 95 KDa.

Form: Liquid

Conjugation: Biotin

Isotype: IgA, kappa

Recommend Usage: Flow Cytometry (1 ug/10⁶ 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.

Entrez GeneID: 12478

Gene Symbol: Cd19

Gene Alias: AW495831

References:

1. 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. *J Immunol.* 1996 Nov 15;157(10):4371-8.
2. The signaling activity of murine CD19 is regulated during cell development. Krop I, Shaffer AL, Fearon DT, Schlissel MS. *J Immunol.* 1996 Jul 1;157(1):48-56.
3. Self-renewal of B-1 lymphocytes is dependent on CD19. Krop I, de Fougères AR, Hardy RR, Allison M, Schlissel MS, Fearon DT. *Eur J Immunol.* 1996 Jan;26(1):238-42.