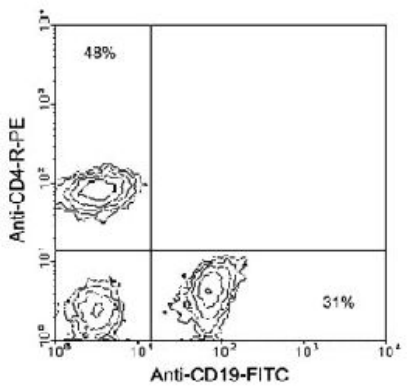
Cd19 monoclonal antibody, clone 6D5 (PE/Cy5.5)

Catalog # MAB5693 Size 100 ug

Applications



Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd19 monoclonal antibody, clone 6D5 (FITC) (Cat # MAB5687) and Cd3e monoclonal antibody, clone C363.29B (PE) (Cat # MAB6102), gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against Cd19.
Immunogen	Mouse CD19-expressing K562 human erythroleukemia cells.
Host	Rat
Reactivity	Mouse
Specificity	CD19 B-cell differentiation antigen, Mr 95 KDa.
Form	Liquid
Conjugation	PE/Cy5.5
Isotype	IgG2a, 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)

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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

  Cells from BALB/c mesenteric lymph nodes were double-stained with Cd19 monoclonal antibody, clone 6D5 (FITC) (Cat # MAB5687) and Cd3e monoclonal antibody, clone C363.29B (PE) (Cat # MAB6102), gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

- Immunoprecipitation

Gene Info — Cd19

Entrez GeneID	12478
Gene Name	Cd19
Gene Alias	AW495831
Gene Description	CD19 antigen
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- 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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- The CD19-CR2-TAPA-1 complex, CD45 and signaling by the antigen receptor of B lymphocytes.

  D T Fearon.

  Current Opinion in Immunology 1993 Jun; 5(3):341.

  Application: Flow Cyt, Human, Human B lymphocytes

Copyright © 2023 Abnova Corporation. All Rights Reserved.