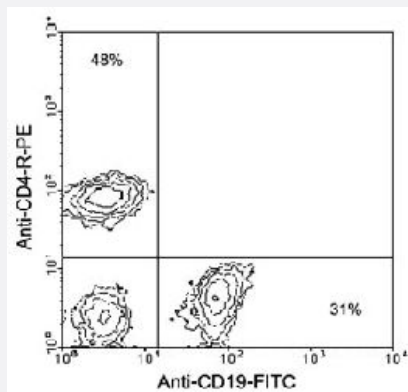


# Cd19 monoclonal antibody, clone 6D5 (PE/Cy7)

Catalog # MAB5694

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

<b>Product Description</b>	Rat monoclonal antibody raised against Cd19.
<b>Immunogen</b>	Mouse CD19-expressing K562 human erythroleukemia cells.
<b>Host</b>	Rat
<b>Reactivity</b>	Mouse
<b>Specificity</b>	CD19 B-cell differentiation antigen, Mr 95 KDa.
<b>Form</b>	Liquid
<b>Conjugation</b>	PE/Cy7
<b>Isotype</b>	IgG2a, kappa
<b>Recommend Usage</b>	Flow Cytometry (0.2 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)

**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 should be handled by trained staff only.

## Applications

- Immunoprecipitation
- 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).

## 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.

- [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