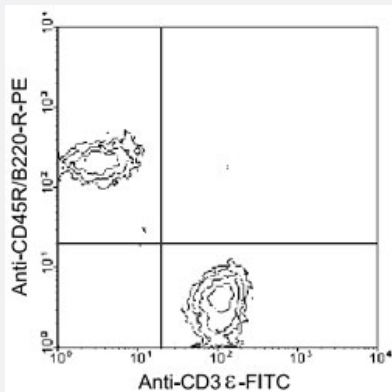


# Cd3e monoclonal antibody, clone C363.29B

Catalog # MAB5604      Size 500 ug

## Applications



### Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd3e monoclonal antibody-FITC and anti-mouse CD45R/B220-R-PE, gated on small lymphocytes and analyzed using a FACScan™ flow cytometer (BDIS, San Jose, CA).

## Specification

<b>Product Description</b>	Rat monoclonal antibody raised against Cd3e.
<b>Immunogen</b>	H-2Kb specific mouse cytotoxic T lymphocyte clone BM10-37.
<b>Host</b>	Rat
<b>Reactivity</b>	Mouse
<b>Specificity</b>	Mouse CD3ε (Mr 25 kD).
<b>Form</b>	Liquid
<b>Isotype</b>	IgG2b
<b>Recommend Usage</b>	The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 100 mM BBS, pH 8.2
<b>Storage Instruction</b>	Store at 4°C.

## Applications

- Immunohistochemistry
- Immunoprecipitation
- Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd3e monoclonal antibody-FITC and anti-mouse CD45R/B220-R-PE, gated on small lymphocytes and analyzed using a FACScan™ flow cytometer (BDIS, San Jose, CA).

## Gene Info — Cd3e

Entrez GeneID	<a href="#">12501</a>
Gene Name	Cd3e
Gene Alias	AI504783, CD3, CD3epsilon, T3e
Gene Description	CD3 antigen, epsilon polypeptide
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	O
Other Designations	OTTMUSP00000018104

## Publication Reference

- [Differential effect of interleukin 1 on naive and memory CD4+ T cells.](#)  
Luqman M, Greenbaum L, Lu D, Bottomly K.  
European Journal of Immunology 1992 Jan; 22(1):95.  
Application: Func, Mouse, Mouse T lymphocytes
- [Circulating CD3+/T cell receptor V gamma 3+ fetal murine thymocytes home to the skin and give rise to proliferating dendritic epidermal T cells.](#)  
Payer E, Elbe A, Stingl G.  
Journal of Immunology 1991 Apr; 146(8):2536.

- [Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice.](#)

Ernst DN, Hobbs MV, Torbett BE, Glasebrook AL, Rehse MA, Bottomly K, Hayakawa K, Hardy RR, Weigle WO.

Journal of Immunology 1990 Sep; 145(5):1295.