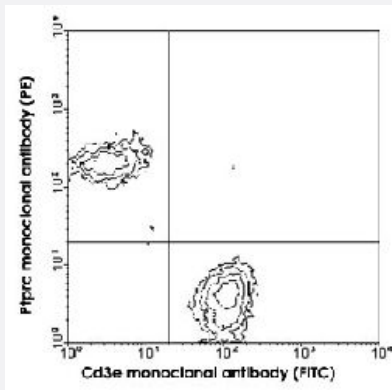


# Cd3e monoclonal antibody, clone C363.29B (SPRD)

Catalog # MAB6104      Size 100 ug

## Applications



### Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Cd3e monoclonal antibody, clone C363.29B (FITC) (Cat # MAB6100) and Ptprc monoclonal antibody, clone RA3-6B2 (PE) (Cat # MAB5722), 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>	Specificity Mouse CD3ε (Mr 25 kD)
<b>Form</b>	Liquid
<b>Conjugation</b>	SPRD
<b>Isotype</b>	IgG2b, kappa
<b>Recommend Usage</b>	Flow Cytometry (1 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 Cd3e monoclonal antibody, clone C363.29B (FITC) (Cat # MAB6100) and Ptprc monoclonal antibody, clone RA3-6B2 (PE) (Cat # MAB5722), gated on small lymphocytes and analyzed using a FACScan™ flow cytometer (BDIS, San Jose, CA).

## Gene Info — Cd3e

**Entrez GeneID** [12501](#)

**Gene Name** Cd3e

**Gene Alias** AI504783, CD3, CD3epsilon, T3e

**Gene Description** CD3 antigen, epsilon polypeptide

**Gene Ontology** [Hyperlink](#)

**Gene Summary** O

**Other Designations** OTTMUSP00000018104

## Publication Reference

- [Differential effect of interleukin 1 on naive and memory CD4+ T cells.](#)

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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.

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