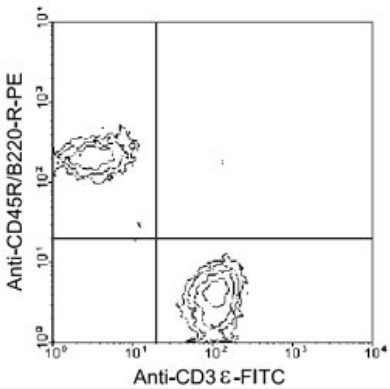
Cd3e monoclonal antibody, clone C363.29B

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

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

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Applications

- Immunohistochemistry
- 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).
- Immunoprecipitation

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.

  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.

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- 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.

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