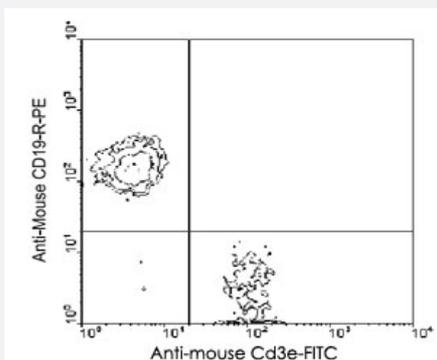


# Cd3e monoclonal antibody, clone 145-2C11

Catalog # MAB3220      Size 500 ug

## Applications



### Flow Cytometry

BALB/c spleen cells were double-stained with Cd3e monoclonal antibody, clone 145-2C11 (Cat # MAB3220)-FITC and rat anti-mouse CD19-R-PE. Lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

## Specification

<b>Product Description</b>	Hamster monoclonal antibody raised against native Cd3e.
<b>Immunogen</b>	Native Cd3e from H-2Kb-specific mouse cytotoxic T lymphocyte clone BM10-37.
<b>Host</b>	Hamster
<b>Reactivity</b>	Mouse
<b>Specificity</b>	Mouse CD3ε, Mr 25 KDa.
<b>Form</b>	Liquid
<b>Isotype</b>	IgG
<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

- Western Blot
- Immunohistochemistry
- Immunoprecipitation
- Flow Cytometry

BALB/c spleen cells were double-stained with Cd3e monoclonal antibody, clone 145-2C11 (Cat # MAB3220)-FITC and rat anti-mouse CD19-R-PE. Lymphocytes were gated and analyzed on 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

- [Abnormal signal transduction by T cells of mice with parental tumors is not seen in mice bearing IL-2-secreting tumors.](#)

Salvadori S, Gansbacher B, Pizzimenti AM, Zier KS.

The Journal of Immunology 1994 Dec; 153(11):5176.

Application: WB-Ce, Mouse, NIH/3T3, PTB, ITB, Naive cells

- [Differential activation of antigen-stimulated suicide and cytokine production pathways in CD4+ T cells is regulated by the antigen-presenting cell.](#)

Wang R, Murphy KM, Loh DY, Weaver C, Russell JH.

Journal of Immunology 1993 May; 150(9):3832.

Application: Func, Mouse, Mouse T lymphocytes

- [Activation-driven T cell death. II. Quantitative differences alone distinguish stimuli triggering nontransformed T cell proliferation or death.](#)

Ucker DS, Meyers J, Obermiller PS.

Journal of Immunology 1992 Sep; 149(5):1583.

Application: Func, Mouse, CTL L3.AI, Nancy cells