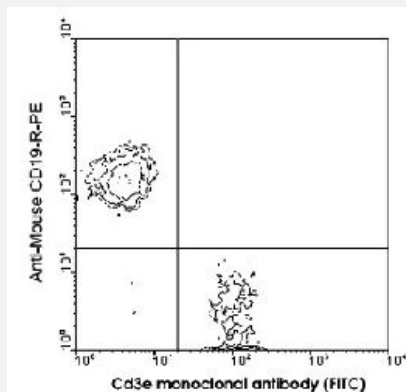


Cd3e monoclonal antibody, clone 145-2C11 (PE)

Catalog # MAB5909 Size 100 ug

Applications



Flow Cytometry

BALB/c spleen cells were double-stained with Cd3e monoclonal antibody, clone 145-2C11 (FITC) (Cat # MAB5907) and rat anti-mouse CD19-R-PE. Lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Hamster monoclonal antibody raised against Cd3e.
Immunogen	H-2Kb-specific mouse cytotoxic T lymphocyte clone BM10-37.
Host	Hamster
Reactivity	Mouse
Specificity	Mouse CD3ε (Mr 25 KDa).
Form	Liquid
Conjugation	PE
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (0.1 ug/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	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

- Western Blot
- Immunoprecipitation
- Flow Cytometry

BALB/c spleen cells were double-stained with Cd3e monoclonal antibody, clone 145-2C11 (FITC) (Cat # MAB5907) 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	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 activation of antigen-stimulated suicide and cytokine production pathways in CD4+ T cells is regulated by the antigen-presenting cell.](#)

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- [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.

- [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.