

Datasheet for ABIN490320 **anti-CD3 epsilon antibody**

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Overview

Quantity:	0.1 mg
Target:	CD3 epsilon (CD3E)
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Functional Studies (Func), Depletion (Dep)

Product Details

Immunogen:	Mouse BM10-37 cytotoxic T lymphocytes.
Clone:	145-2C11
Isotype:	IgG
Specificity:	The Armenian hamster monoclonal antibody 145-2C11 reacts with mouse CD3 (epsilon subunit). This antibody is commonly used as a phenotypic marker for mouse T cells.
Purification:	Protein A purified
Endotoxin Level:	Low Endotoxin

Target Details

Target:	CD3 epsilon (CD3E)
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Target Details

Alternative Name:	CD3E (CD3E Products)
Background:	Name/Gene ID: CD3E Synonyms: CD3E, CD3e antigen, CD3-epsilon, T-cell receptor epsilon chain, TCRE, T-cell receptors epsilon chain, T3E, CD3 Epsilon
Gene ID:	916
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Approved: Depl, Flo, Func, ICC, IHC, IHC-Fr, IP Usage: Flow Cytometry: Recommended dilution - 1-2 µg / ml (million cells). Immunoprecipitation: Recommended dilution - 1-2 µg / 100-500 µg protein in 1 mL cell lysate. Functional Application: Induction of T cell activation, proliferation or apoptosis (depending The applications listed have been tested for the unmodified form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Azide-free PBS, pH 7.4, 0.2 micron filter sterilized
Preservative:	Azide free
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.