

Product datasheet for **TA320270**

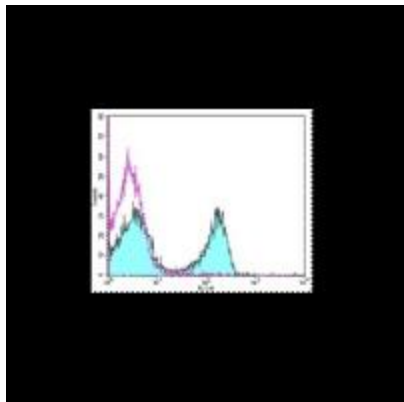
Cd3e Hamster Monoclonal Antibody [Clone ID: 145-2C11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	145-2C11
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay, IP, WB
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD3 antigen, epsilon polypeptide
Database Link:	NP_031674 Entrez Gene 12501 Mouse P22646
Background:	The 145-2C11 monoclonal antibody reacts with mouse CD3e, a 20 kDa subunit of the TCR complex. Along with the other CD3 subunits, gamma and delta, the epsilon chain is required for proper assembly, trafficking and surface expression of the TCR complex. CD3 is expressed by thymocytes in a developmentally regulated manner and by all mature T cells. Binding of 145-2C11 to TCR initiates the intracellular biochemical pathway resulting in cellular activation, proliferation, and apoptosis depending on specific conditions utilized. 145-2C11 is commonly used as a phenotypic marker for mouse T cells.
Synonyms:	CD3-epsilon; FLJ18683; T3E; TCRE



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Product images:

Staining of C57Bl/6 splenocytes with Armenian Hamster IgG Isotype Control Purified (open histogram) or Anti-Mouse CD3e Purified (filled histogram) followed by Anti-Armenian Hamster IgG FITC. Total viable cells were used for analysis.