

Product datasheet for **TA420133**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	145-2C11
Applications:	FC, IF, IHC, IP, WB
Host:	Hamster
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	H-2Kb - specific mouse cytotoxic T lymphocyte clone BM10-37.
Specificity:	CD3
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: ALEXA FLUOR® 488,ALEXA FLUOR® 647,Amethyst Blue,Amethyst Orange,Biotin,FITC,Pacific Blue®,Purified,RPE,RPE-CY5,RPE-CY5.5,RPE-CY7 State: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	CD3 antigen, epsilon polypeptide
Database Link:	P22646
Background:	Hamster anti Mouse CD3 antibody, clone 145-2C11 detects CD3 epsilon (CD3ε), a ~20 kDa transmembrane protein also known as CD3 or T3. CD3ε is a member of the CD3 complex which consists of four subunits, gamma, delta, epsilon and zeta, and these are associated to the T cell receptor (TCR). TCR plays a critical role in T cell development and function, and is responsible for ligand recognition. It interacts non-covalently with the CD3 dimers delta/epsilon, gamma/epsilon and zeta/zeta which transduce signals from the TCR into the cell. CD3ε is primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. Hamster anti Mouse CD3 antibody, clone 145-2C11 is useful for in vitro blocking and activation assays, as well as apoptosis induction and in vitro T cell depletions.



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Synonyms: CD3-epsilon; FLJ18683; T3E; TCRE