

Antibody Data

Product SKU:	AGEL0375	Clone:	145-2C11
Applications:	FCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	T-cell surface glycoprotein CD3 epsilon chain;CD3E;T-cell surface antigen T3/Leu-4 epsilon chain;CD3e;CD3E;T3E;
Uniprot ID:	P22646
Background:	CD3 ϵ is a 20 kD transmembrane protein, also known as CD3 or T3. It is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 ϵ forms a TCR complex by associating with the CD3 δ , γ and ζ chains, as well as the TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.
Form:	Liquid
Conjugation:	Biotin
Size:	25 μ g, 100 μ g
Host Species:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Isotype Control:	Biotin Armenian Hamster IgG Isotype Control[PIP] [Product AGEL0375]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4 $^{\circ}$ C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.