

**Low Endotoxin Purified Anti-Mouse CD3ε
Antibody [145-2C11]**

Catalogue Code: AGEL1314

Antibody Data

Product SKU:	AGEL1314	Clone:	145-2C11
Applications:	FCM;Activ;Depletion		
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:	CD3ε 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. CD3ε forms a TCR complex by associating with the CD3δ, 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:	None (AF/LE)
Size:	50µg, 500µg, 1mg
Host Species:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Isotype Control:	AF/LE Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1314]
Storage Buffer:	0.2 μm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Shipping:	Biological ice pack at 4°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 $\leq 2.0 \mu\text{g}$ 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.