

**GenieFluor 647 Anti-Mouse CD3ε  
Antibody [145-2C11]**  
Catalogue Code: AGEL1330

**Antibody Data**

|                      |                 |               |                 |
|----------------------|-----------------|---------------|-----------------|
| <b>Product SKU:</b>  | <b>AGEL1330</b> | <b>Clone:</b> | <b>145-2C11</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |                 |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |                 |

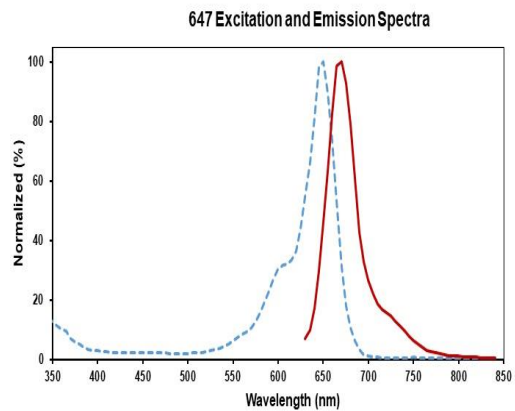
**Important Note:**

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:** Genie Fluor647  
**Size:** 25µg, 100µg  
**Host Species:** Armenian Hamster  
**Isotype:** Armenian Hamster IgG



**Isotype Control:** Genie Fluor 647 Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1330]  
**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.  
**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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].

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