

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1319</b>	<b>Clone:</b>	<b>145-2C11</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

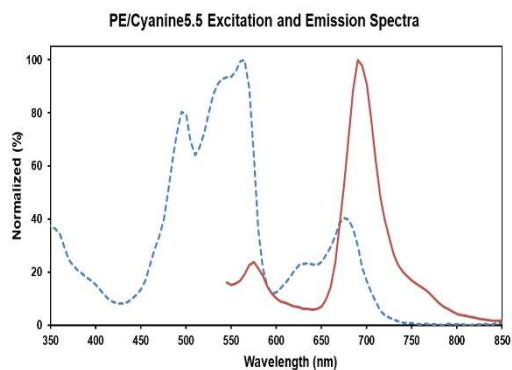
**Important Note:**

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:** PE/Cyanine 5.5  
**Size:** 50 Tests, 100 Tests, 200 Tests  
**Host Species:** Armenian Hamster  
**Isotype:** Armenian Hamster IgG



Ex:495;565;675 nm; Em:690 nm

**Isotype Control:** PE/Cyanine5.5 Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1319]  
**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. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

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