

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1326</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:** CD3 $\epsilon$  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 $\epsilon$  forms a TCR complex by associating with the CD3 $\delta$ ,  $\gamma$  and  $\zeta$  chains, as well as the TCR  $\alpha/\beta$  or  $\gamma/\delta$  chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

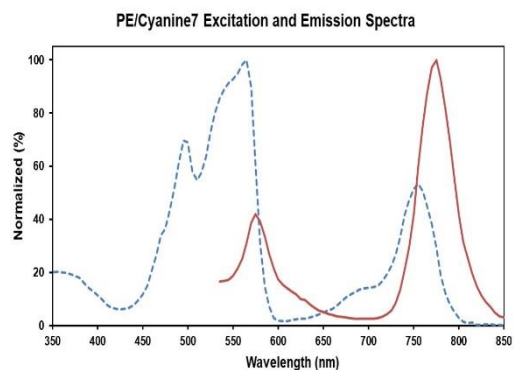
**Form:** Liquid

**Conjugation:** PE/Cyanine 7

**Size:** 25 $\mu$ g, 100 $\mu$ g

**Host Species:** Armenian Hamster

**Isotype:** Armenian Hamster IgG



Ex:495;565;755 nm; Em:775 nm

**Isotype Control:** PE/Cyanine7 Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1326]

**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].