

### Antibody Data

<b>Product SKU:</b>	<b>AGEL1771</b>	<b>Clone:</b>	<b>TS1/8</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

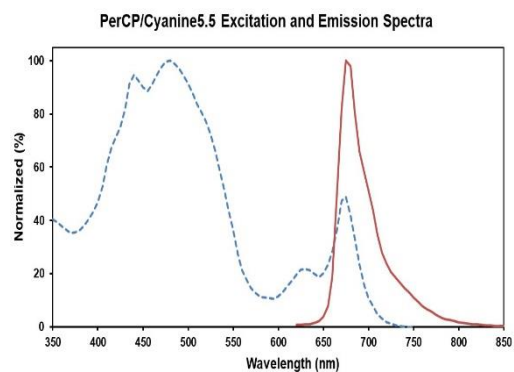
### Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information:

**Alternate Names:** T-cell surface antigen CD2;Erythrocyte receptor;LFA-2;LFA-3R;T11/Leu-5;  
**Uniprot ID:** P06729  
**Background:** CD2 is a 50 kD type I transmembrane glycoprotein also known as LFA-2, T11, and sheep red blood cell receptor (SRBC-R). This immunoglobulin superfamily member is expressed on thymocytes, T lymphocytes, NK cells, and thymic B cell subsets. The major ligand for CD2 is CD58 (also known as LFA-3). CD2 has also been reported to bind CD48, CD59, and CD15. CD2 plays a critical role in alternative T cell activation, T cell signaling, and cell-cell adhesion.

**Form:** Liquid  
**Conjugation:** PerCP/Cyanine 5.5  
**Size:** 20 Tests, 100 Tests, 200 Tests  
**Host Species:** Mouse  
**Isotype:** Mouse IgG1, κ



Ex:440;480;675 nm; Em:675 nm

**Isotype Control:** PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL1771]  
**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.