

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0910</b>	<b>Clone:</b>	<b>15.2</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

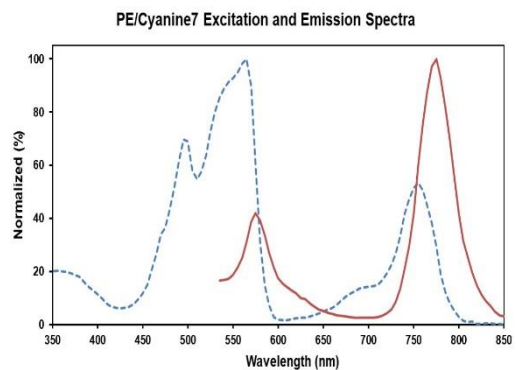
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Intercellular adhesion molecule 1;Icam1;MALA-2;MyD10;CD54;Icam-1;  
**Uniprot ID:** P05362  
**Background:** CD54 is a 85-110 kD type I transmembrane protein also known as ICAM-1. It is expressed on activated endothelial cells, high endothelial venules, T and B cells, monocytes/macrophages, granulocytes, and dendritic cells. The expression of ICAM-1 can be released from the cell surface. CD54 plays a role in cellular adhesion and is involved in inflammation and leukocyte extravasation. CD54 has also been shown to be the major cellular receptor for rhinovirus. ICAM-1 binds to CD11a/CD18 (LFA-1), CD11b/CD18 (Mac-1), CD11c/CD18 (p150, 95) as well as hyaluronan and fibrinogen.

**Form:** Liquid  
**Conjugation:** PE/Cyanine 7  
**Size:** 20 Tests, 100 Tests, 200 Tests  
**Host Species:** Mouse  
**Isotype:** Mouse IgG1, κ



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

**Isotype Control:** PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL0910]  
**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.