

**Antibody Data**

|                      |                 |               |                  |
|----------------------|-----------------|---------------|------------------|
| <b>Product SKU:</b>  | <b>AGEL1423</b> | <b>Clone:</b> | <b>CXCR3-173</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |                  |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |                  |

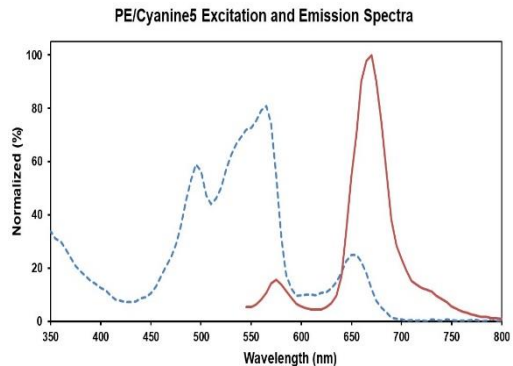
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** C-X-C chemokine receptor type 3; Cxcr3; CXC-R3; CXCR-3; Interferon-inducible protein 10 receptor; IP-10 receptor; CD183/CXCR3;  
**Uniprot ID:** O88410  
**Background:** CD183/CXCR3, also known as CXCR3, is a member of the C-X-C chemokine family, characterized by a pair of cysteine residues separated by a single amino acid. CXCR3 is a 38 kD seven pass transmembrane receptor coupled to G-protein. It mediates Ca<sup>2+</sup> mobilization and chemotaxis in response to C-X-C chemokines, such as IP10 (CXCL10), MIG (CXCL9), I-TAC (CXCL11) and PF4 (CXCL4). CXCR3 is expressed primarily on activated T lymphocytes, NK cells, and some epithelial cells and endothelial cells. It is not expressed on B cells, monocytes or granulocytes.

**Form:** Liquid  
**Conjugation:** PE/Cyanine 5  
**Size:** 50 Tests, 100 Tests, 200 Tests  
**Host Species:** Armenian Hamster  
**Isotype:** Armenian Hamster IgG



Ex:495;565;655 nm; Em:670 nm

**Isotype Control:** -  
**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.