

## Antibody Data

|               |          |        |      |
|---------------|----------|--------|------|
| Product SKU:  | AGEL1798 | Clone: | 12G5 |
| Applications: | FCM      |        |      |
| Reactivity:   | Human    |        |      |

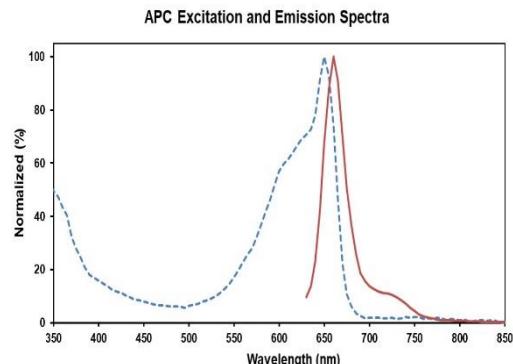
## Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

## Product Information:

|                  |   |
|------------------|---|
| Alternate Names: | FB22;Fusin;HM89;LCR1;LAP-3;   |
| Uniprot ID:      | P61073  |
| Background:      | CD184, also known as fusin or CXCR4, is a 45 kD seven transmembrane G-protein-linked CXC chemokine receptor. CD184 is widely expressed on blood and tissue cells, including B and T cells, monocytes, macrophages, dendritic cells, granulocytes, megakaryocytes/platelets, lymphoid, myeloid precursor cells, endothelial cells, epithelial cells, astrocytes, and neurons, among other tissue cells. CD184 is the receptor for CXC chemokine SDF-1, mediates blood cell migration, and is involved in B lymphopoiesis and myelopoiesis, cardiogenesis, blood vessel formation, and cerebellar development. CXCR4 is also a coreceptor of X4 HIV-1 and an alternative receptor for some isolates of HIV-2. |

|               |                                |
|---------------|--------------------------------|
| Form:         | Liquid                         |
| Conjugation:  | APC                            |
| Size:         | 20 Tests, 100 Tests, 200 Tests |
| Host Species: | Mouse                          |
| Isotype:      | Mouse IgG2a, κ                 |



|                  |   |
|------------------|---|
| Isotype Control: | APC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL1798]                              |
| 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.