

## 30-1756: APC Conjugated, Anti-CD117 / c-Kit Monoclonal Antibody (Clone:104D2)

| Clonality :             | Monoclonal                  |
|-------------------------|-----------------------------|
| Clone Name :            | 104D2                       |
| Application :           | FACS                        |
| Reactivity :            | Human                       |
| Conjugate :             | APC                         |
| Gene :                  | KIT                         |
| Gene ID :               | 3815                        |
| Uniprot ID :            | P10721                      |
| Alternative Name :      | KIT,SCFR                    |
| Isotype :               | Mouse IgG1                  |
| Immunogen Information : | MOLM-1 megakaryocytic cells |

## Description

CD117 / c-Kit (stem cell factor receptor) is a 145 kDa receptor tyrosine kinase that regulates cell proliferation, adhesion, chemotaxis, apoptosis and other cell processes. Mutations of CD117 / c-Kit can lead to growth and progression of tumours. After binding of its ligand, SCF (stem cell factor), CD117 / c-Kit is autophosphorylated on its intracellular domains and activated. CD117 is expressed on pluripotent hematopoietic progenitor cells, mast cells and various cancer cells, e.g. acute myeloid leukemia cells.

## **Product Info**

Amount :100 testsStorage condition :Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.