

30-1896: Biotin Conjugated, Anti-CD117 / c-Kit Monoclonal Antibody (Clone:104D2)

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| Clonality : | Monoclonal |
| Clone Name : | 104D2 |
| Application : | FACS |
| Reactivity : | Human |
| Conjugate : | Biotin |
| 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

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| Amount : | 0.1 mg |
| Storage condition : | Store at 2-8°C. Do not freeze. |