9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-1410: Anti-CD117 / c-Kit Monoclonal Antibody (Clone:104D2)

Clonality :	Monoclonal
Clone Name :	104D2
Application :	FACS, IP, IHC-Fr, ICC
Reactivity :	Human, Non-Human Primates, Bovine
Gene :	KIT
Gene ID :	3815
Uniprot ID :	P10721
Format :	Purified
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 :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:*1 ÃÂµg/ml
Immunoprecipitation Immunohistochemistry (frozen sections) Immunocytochemistry

For Research Use Only. Not for use in diagnostic/therapeutics procedures.