



Antibodies

11-586-C100

Monoclonal Antibody to CD117 Purified Antibody (0.1 mg)

Clone:	104D2
Isotype:	Mouse IgG1
Specificity:	The mouse monoclonal antibody 104D2 detects extracellular part of CD117 / c-Kit protooncogen. HLDA VI; WS Code C-30
Regulatory Status:	RUO
Immunogen:	MOLM-1 megakaryocytic cells
Species Reactivity:	Human, Non-Human Primates, Bovine
Application:	Flow Cytometry Recommended dilution: 1 µg/ml Immunoprecipitation Immunohistochemistry (frozen sections) Immunocytochemistry
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
Background:	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.

For laboratory research only, not for drug, diagnostic or other use.

**Antibodies****References:**

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