

Anti-Hu CD117 Purified KIT Monoclonal Antibody

Catalog Number: M01335-3

About KIT

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.

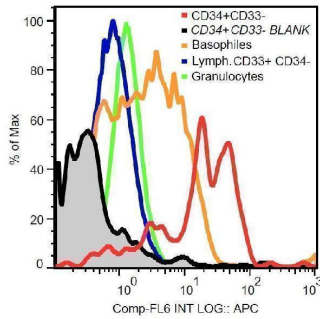
Overview

Product Name	Anti-Hu CD117 Purified KIT Monoclonal Antibody
Reactive Species	Cow, Human, Primate
Description	Boster Bio Anti-Hu CD117 Purified KIT Monoclonal Antibody (Catalog# M01335-3). Tested in Flow Cytometry, IP, IHC-F, ICC application(s). This antibody reacts with Primate, Human, Cow.
Application	Flow Cytometry, IP, IHC-F, ICC
Clonality	Monoclonal 104D2
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P10721

Technical Details

Immunogen	MOLM-1 megakaryocytic cells. The mouse monoclonal antibody 104D2 detects extracellular part of CD117 / c-Kit protooncogen.
Predicted Reactive Species	Primate
Isotype	Mouse IgG1 kappa
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Flow cytometry: 1 ug/ml.

Anti-Hu CD117 Purified KIT Monoclonal Antibody (M01335-3) Images



Flow cytometry (surface staining) of human peripheral blood cells with anti-CD117 (104D2) purified.

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