

PRODUCT INFORMATION

Clone ID	DMC446
Target	CD117
Synonyms	C-Kit; CD117; MASTC; PBT; SCFR; KIT
Host Species	Rabbit
Description	PE-conjugated Anti-CD117 antibody(DMC446), IgG1 Chimeric mAb
Delivery	3-4 weeks
Uniprot ID	P10721
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Liquid□PBS with 0.05% Proclin300, 1% BSA
Storage & Shipping	Store at 2°C-8°C for 6 months
Background	<p>This gene encodes a receptor tyrosine kinase. This gene was initially identified as a homolog of the feline sarcoma viral oncogene v-kit and is often referred to as proto-oncogene c-Kit. The canonical form of this glycosylated transmembrane protein has an N-terminal extracellular region with five immunoglobulin-like domains; a transmembrane region; and an intracellular tyrosine kinase domain at the C-terminus. Upon activation by its cytokine ligand; stem cell factor (SCF); this protein phosphorylates multiple intracellular proteins that play a role in the proliferation; differentiation; migration and apoptosis of many cell types and thereby plays an important role in hematopoiesis; stem cell maintenance; gametogenesis; melanogenesis; and in mast cell development; migration and function. This protein can be a membrane-bound or soluble protein. Mutations in this gene are associated with gastrointestinal stromal tumors; mast cell disease; acute myelogenous leukemia; and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Usage	Research use only
Conjugate	PE-conjugated

