



Anti-KIT monoclonal antibody, clone 58344 (DCABY-4016)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View CD117/c-kit IHC images.
Specificity	Detects human CD117/c-kit in ELISAs and Western blots. In sandwich immunoassays and Western blots, no cross-reactivity with recombinant mouse CD117 is observed.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human CD117/c-kit. Gln26-Thr520 Accession Number P10721
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	58344
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	Western Blot, Flow Cytometry, ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.
1 month, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	KIT v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog [Homo sapiens (human)]
Official Symbol	KIT
Synonyms	KIT; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; PBT; SCFR; C-Kit; CD117; mast/stem cell growth factor receptor Kit; p145 c-kit; proto-oncogene c-Kit; piebald trait protein; soluble KIT variant 1; tyrosine-protein kinase Kit; proto-onco
Entrez Gene ID	3815
Protein Refseq	NP_000213
UniProt ID	A0A024RDA0
Chromosome Location	4q12
Pathway	Acute myeloid leukemia; Adaptive Immune System; C-MYB transcription factor network; Cardiac Progenitor Differentiation; Constitutive PI3K/AKT Signaling in Cancer; Cytokine-cytokine receptor interaction; DAP12 interactions; DAP12 signaling;
Function	ATP binding; cytokine binding; metal ion binding; protease binding; protein binding; protein homodimerization activity; protein tyrosine kinase activity; receptor signaling protein tyrosine kinase activity; stem cell factor receptor activity; transmembran