

Mouse Monoclonal Antibody to C-Kit

Catalogue Number	sAP-0095
Target Molecule	Name: C-Kit Aliases: PBT; SCFR; C-Kit; CD117; KIT MW: 145kDa Entrez Gene ID: 3815
Description	C-kit (CD117, 145kDa) functions as a tyrosine kinase receptor which becomes activated upon binding of its ligand SCF (stem-cell factor), the C-kit gene encodes the human homolog of the proto-oncogene c-kit, which was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. KIT is a type 3 transmembrane receptor for MGF (mast cell growth factor). Mutations in KIT are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism.
Immunogen	Purified recombinant fragment of C-kit expressed in E. Coli.
Recombinant Species	Human
Clone	MM8D7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mojica WD et.alHistopathology. 2005 Nov;47(5):517-22. ; 2. Tong WD et.alInt J Colorectal Dis. 2005 Jul;20(4):363-7. Epub 2005 Feb 2. ; 3. Nakai Y et.alBiochem Biophys Res Commun. 2005 Nov 11;337(1):289-96. ; ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**