

Recombinant

DGRmAb®

c-Kit (DGR20177) Rabbit mAb (PBS Only)

db12817-PBS

Package : 100µg

Product Name : c-Kit (DGR20177) Rabbit mAb (PBS Only)**Cat.No.:** db12817-PBS**Synonyms** : PBT; SCFR; C-Kit; CD117; MASTC**Application** : WB, IHC-P**Reactivity** : Mouse,Rat**Host species** : Rabbit**Background**

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. [provided by RefSeq, May 2020]

Immunogen

Recombinant protein of human c-Kit

Gene ID

3815

Swiss Prot

P10721

Synonyms

PBT; SCFR; C-Kit; CD117; MASTC

Reactivity

Mouse,Rat

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:500-1:2000**Calculated MW**

110 kDa

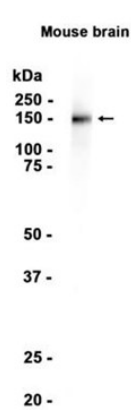
Observed MW

120-145 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR20177
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Mouse brain tissue using [db12817](#)