Recombinant DGRmAb®

# c-Kit (DGR20177) Rabbit mAb

**db12817** **Package : 10μL 20μL 50μL 100μL**

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

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| **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 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 dilution** | WB: 1:1000<br>IHC-P: 1:500-1:2000 |
| **Calculated MW** | 110 kDa |
| **Observed MW** | 120-145 kDa |
| **Host species** | Rabbit |

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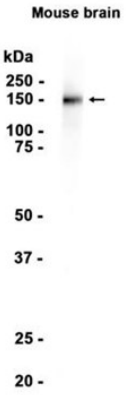
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR20177 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |




Western blot analysis of extracts from Mouse brain tissue using db12817 at 1:1000.