

## Datasheet

### **KIT monoclonal antibody (M03), clone 3A8**

**Catalog Number:** H00003815-M03

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant KIT.

**Clone Name:** 3A8

**Immunogen:** KIT (NP\_000213, 41 a.a. ~ 140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

PGKSDLIVRVGDEIRLLCTDPGFVKWTFEILDETENK  
QNEWITEKAEATNTGKYTCTNKHGLSNSIYVFVRDPAK  
LFLVDRSLYGKEDNDTLVRCPLTD

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 Kappa

**Storage Buffer:** In 1x PBS, pH 7.2

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3815

**Gene Symbol:** KIT

**Gene Alias:** C-Kit, CD117, PBT, SCFR

**Gene Summary:** This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3

transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). 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]