

## c-Kit (phospho Tyr703) Polyclonal Antibody

Catalog No: #13969

Package Size: #13969-1 50ul #13969-2 100ul

## Description

|                       |                                                                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | c-Kit (phospho Tyr703) Polyclonal Antibody                                                                                                                                                                                             |
| Host Species          | Rabbit                                                                                                                                                                                                                                 |
| Clonality             | Polyclonal                                                                                                                                                                                                                             |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                  |
| Applications          | WB,IHC-p,IF(paraffin section),ELISA                                                                                                                                                                                                    |
| Species Reactivity    | Human,Mouse                                                                                                                                                                                                                            |
| Specificity           | Phospho-c-Kit (Y703) Polyclonal Antibody detects endogenous levels of c-Kit protein only when phosphorylated at Y703.                                                                                                                  |
| Immunogen Description | The antiserum was produced against synthesized peptide derived from human KIT around the phosphorylation site of Tyr703. AA range:671-720                                                                                              |
| Conjugates            | Unconjugated                                                                                                                                                                                                                           |
| Other Names           | KIT; SCFR; Mast/stem cell growth factor receptor Kit; SCFR; Piebald trait protein; PBT; Proto-oncogene c-Kit; Tyrosine-protein kinase Kit; p145 c-kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; CD antigen CD117 |
| Accession No.         | Swiss Prot:P10721GeneID:3815                                                                                                                                                                                                           |
| SDS-PAGE MW           | 145                                                                                                                                                                                                                                    |
| Concentration         | 1 mg/ml                                                                                                                                                                                                                                |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                |
| Storage               | -20°C/1                                                                                                                                                                                                                                |

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

## Background

KIT proto-oncogene receptor tyrosine kinase(KIT) Homo sapiens 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, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.