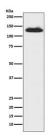


c-Kit Antibody / KIT / CD117 [clone CGF-11] (RQ5335)

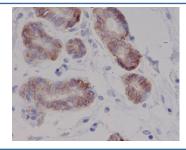
| Catalog No. | Formulation | Size |
|-------------|----------------------------------------------------------------------------|--------|
| RQ5335 | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

Bulk quote request

| Availability | 1-2 weeks |
|--------------------|-------------------------------------------------------------------------|
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Rabbit Monoclonal |
| Isotype | Rabbit IgG |
| Clone Name | CGF-11 |
| Purity | Affinity purified |
| UniProt | P10721 |
| Applications | Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200 |
| Limitations | This c-Kit antibody is available for research use only. |



Western blot testing of human fetal lung lysate with c-Kit antibody. Observed molecular weight: ~120/145kDa (precusor/mature).



IHC staining of FFPE human breast cancer with c-Kit antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

Description

The KIT 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 lukemia, and piebaldism. [RefSeq]

Application Notes

Optimal dilution of the c-Kit antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human c-Kit / KIT was used as the immunogen for the c-Kit antibody.

Storage

Store the c-Kit antibody at -20oC.