

c-Kit/CD117 Monoklonaler Antikörper

Katalog-Nr.: 60169-1-Ig

Allgemeine Informationen

Katalog-Nr.:

60169-1-Ig

Größe:

150ul, Konzentration: 1000 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:

Maus

Isotyp:

IgG2b

GenBank-Zugangsnummer:

BC071593

GeneID (NCBI):

3815

Vollständiger Name:

v-kit Hardy-Zuckerman 4 feline
sarcoma viral oncogene homolog

Berechnete Masse:

110 kDa

Beobachtete Masse:

120 kDa

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

2E8G4

Anwendungen

Geprüfte Anwendungen:

ELISA

Getestete Reaktivität:

Human

Hintergrundinformationen

KIT, also named as SCFR, c-Kit and CD117, is a transmembrane tyrosine kinase encoded by the cKit proto oncogene. It is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). KIT acts to regulate a variety of biological responses including cell proliferation, apoptosis, chemotaxis and adhesion. Ligand(SCF) binding to the extracellular domain leads to autophosphorylation on several tyrosine residues within the cytoplasmic domain, and activation. Phosphorylation at tyrosine 721 of KIT allows binding and activation of PI3 kinase. Loss of expression of KIT appears to be associated with progression of some tumors (melanoma) and autocrine/paracrine stimulation of the kit/SCF system may participate in human solid tumors such as lung, breast, testicular and gynecological malignancies. Mutations in Kit have been found to be important for tumor growth and progression in a variety of cancers including mast cell diseases, gastrointestinal stromal tumor, acute myeloid leukemia, Ewing sarcoma and lung cancer.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:

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