

À des fins de recherche uniquement

Anticorps Monoclonal anti-c-Kit/CD117



Numéro de catalogue: 60169-1-Ig

Informations de base

Numéro de catalogue:

60169-1-Ig

Taille:

150ul, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Hôte:

Mouse

Isotype:

IgG2b

Numéro d'acquisition GenBank:

BC071593

Identification du gène (NCBI):

3815

Nom complet:

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

MW calculé

110 kDa

MW observés:

120 kDa

Méthode de purification:

Purification par protéine G

CloneNo.:

2E8G4

Applications

Applications testées:

ELISA

Spécificité de l'espèce:

Humain

Informations générales

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.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

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

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