

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD117

Numéro de catalogue: 65154-1-Ig



## Informations de base

Numéro de catalogue:

65154-1-Ig

Taille:

100ug, 1 mg/ml

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC071593

Identification du gène (NCBI):

3815

Nom complet:

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

MW calculé

976 aa, 110 kDa

Méthode de purification:

Purifié par chromatographie d'affinité par protéine A

CloneNo.:

104D2

## Applications

Applications testées:

FC

Spécificité de l'espèce:

bovin, Humain

## Informations générales

CD117, also known as c-Kit and SCFR, is a transmembrane protein with tyrosine kinase activity encoded by the oncogene c-kit (PMID: 2448137). It is a member of the type III receptor tyrosine kinase family, which also includes CSF-1R, PDGFR $\beta$ , PDGFR $\alpha$ , and FLT3 (PMID: 29518044). CD117 is expressed on hematopoietic stem cells and progenitor cells, mast cells, and is also found in a wide range of non-haemopoietic cell types (including melanocytes, germ cells, astrocytes, renal tubules, breast glandular epithelial cells, sweat glands, and interstitial cells of Cajal) (PMID: 10582338; 23073628). CD117 plays an important role in early haemopoiesis. It is also involved in pigmentation, fertility, gut movement, and some aspects of the nervous system (PMID: 23073628).

## Stockage

Stockage:

Store at 2-8°C. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 %.

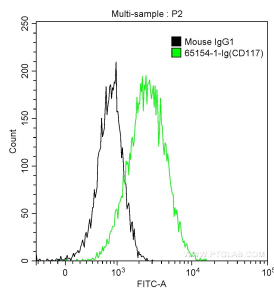
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## Données de validation sélectionnées



1X10<sup>6</sup> TF-1 cells were surface stained with 1.5 ug Anti-Human CD117 (65154-1-Ig, Clone:104D2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 1.5 ug Mouse IgG1 Isotype Control Antibody and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.