

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD117

Numéro de catalogue: PE-65154



Informations de base

Numéro de catalogue:
PE-65154

Taille:
100 tests, 20 µl/test

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:

L'anticorps purifié est conjugué à la R-phycoérythrine (PE) dans des conditions optimales. Le conjugué est purifié par chromatographie d'exclusion de taille.

CloneNo.:
104D2

Excitation/Emission maxima
wavelengths:
496 nm, 565 nm / 578 nm

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 β , PDGFR α , 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. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 %.

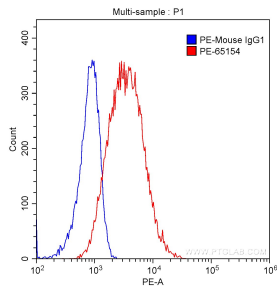
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ TF-1 cells were surface stained with 20.00 ul/test PE Anti-Human CD117 (PE-65154, Clone:104D2) (red) or isotype control antibody (blue). Cells were not fixed.