

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD117

Numéro de catalogue: PE-65054



Informations de base

Numéro de catalogue:

PE-65054

Taille:

100ug, 0.1 mg/ml

Hôte:

Rat

Isotype:

IgG2b, kappa

Numéro d'acquisition GenBank:

BC052457

Identification du gène (NCBI):

16590

Nom complet:

kit oncogene

Méthode de purification:

Purification par affinité

CloneNo.:

2B8

Excitation/Emission maxima
wavelengths:

496 nm, 565 nm / 578 nm

Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

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 % et un agent stabilisant.

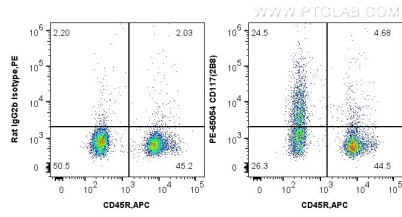
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W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ C57BL/6 mouse bone marrow cells were surface co-stained with APC Anti-Mouse CD45R (B220) and 0.5 ug PE Anti-Mouse CD117 (PE-65054, Clone:2B8) or 0.5 ug Control Antibody. Cells were not fixed.