

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD117 (c-Kit)



Numéro de catalogue: **CL488-65094**

Informations de base

Numéro de catalogue:
CL488-65094

Taille:
100tests , 5 µl/test

Hôte:
Rat

Isotype:
IgG2b

Numéro d'acquisition GenBank:
BC052457

Identification du gène (NCBI):
16590

Nom complet:
kit oncogene

Méthode de purification:
Purification par affinité

CloneNo.:
ACK2

Excitation/Emission maxima
wavelengths:
493 nm / 522 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

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Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

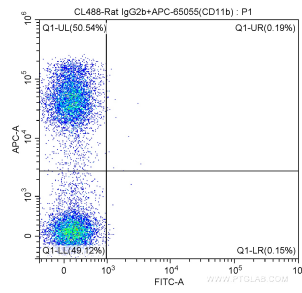
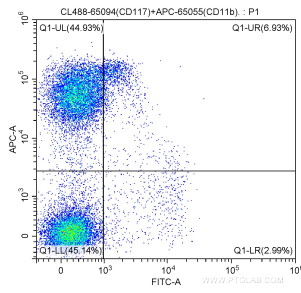
For technical support and original validation data for this product please contact:

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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 stained with APC-Anti-Mouse CD11b (APC-65055, Clone: M1/70) and 5.00 ul CoraLite® Plus 488-conjugated Anti-Mouse CD117 (c-Kit) (CL488-65094, Clone: ACK2). Cells were not fixed.

1X10⁶ C57BL/6 mouse bone marrow cells were surface stained with APC-Anti-Mouse CD11b (APC-65055, Clone: M1/70) and CoraLite® Plus 488-conjugated Rat IgG2b isotype control antibody. Cells were not fixed.