

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD117

Numéro de catalogue: **CL594-65054**



## Informations de base

Numéro de catalogue:

CL594-65054

Taille:

100tests, 5 µl/test

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:

588 nm / 604 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 $\beta$ , 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. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

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

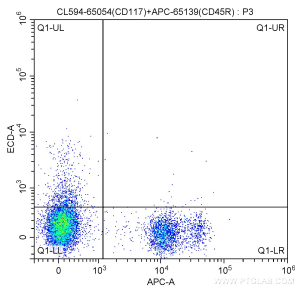
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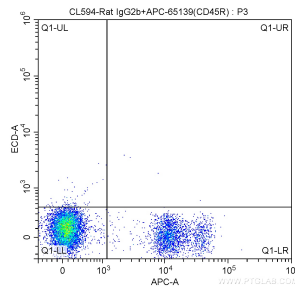
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Données de validation sélectionnées



1X10<sup>6</sup> C57BL/6 mouse bone marrow cells were surface stained with APC Anti-Mouse CD45R (B220) (APC-65139, Clone: RA3-6B2) and 5.00 ul CoraLite®594-conjugated Anti-Mouse CD117 (CL594-65054, Clone: 2B8). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse bone marrow cells were surface stained with APC Anti-Mouse CD45R (B220) (APC-65139, Clone: RA3-6B2) and CoraLite®594-conjugated Rat IgG2b isotype control antibody. Cells were not fixed.