

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD45RO

Numéro de catalogue: CL488-65150



## Informations de base

Numéro de catalogue:  
CL488-65150

Taille:  
100 tests, 5 µl/test

Hôte:  
Mouse

Isotype:  
IgG2a, kappa

Numéro d'acquisition GenBank:  
BC014239

Identification du gène (NCBI):  
5788

Nom complet:  
protein tyrosine phosphatase,  
receptor type, C

Méthode de purification:  
Purification par affinité

CloneNo.:  
UCHL1

Dilutions recommandées:  
IF 1:150-1:600

Excitation/Emission maxima  
wavelengths:  
493 nm / 522 nm

## Applications

Applications testées:  
FC, IF

Spécificité de l'espèce:  
Humain

Contrôles positifs:

IF : cellules mononucléées de sang périphérique  
humain,

## Informations générales

CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets (PMID: 3489673; 28615666). CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling (PMID: 9429890; 16378097). CD45 exists as multiple isoforms due to alternative splicing of three exons (4, 5, and 6, designated A, B, and C) in the extracellular domain (PMID: 12414720). CD45RO is the shortest CD45 isoform (lacking all three exons) and is expressed by activated and memory T cells, thymocytes, some B cells, and weakly on granulocytes and macrophage (PMID: 27100180; 12414720).

## 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.

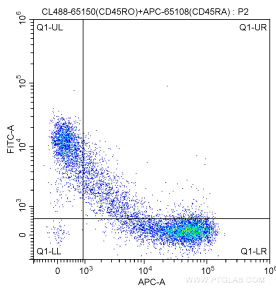
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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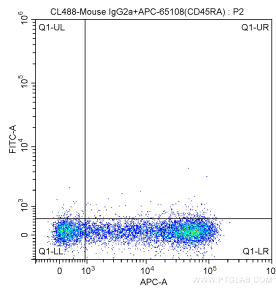
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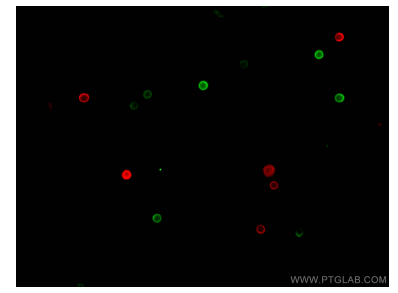
## Données de validation sélectionnées



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC Anti-Human CD45RA (APC-65108, Clone: HI100) and 5.00 ul CoraLite® Plus 488-conjugated Anti-Human CD45RO (CL488-65150, Clone: UCHL1). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC Anti-Human CD45RA (APC-65108, Clone: HI100) and CoraLite® Plus 488-conjugated Mouse IgG2a isotype control antibody. Cells were not fixed.



Immunofluorescent analysis of human peripheral blood mononuclear cells (PBMCs) using APC Anti-Human CD45RA (APC-65108, Clone: HI100) and CoraLite® Plus 488-conjugated Anti-Human CD45RO (CL488-65150, Clone: UCHL1) at dilution of 1:300.