

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD90.2

Numéro de catalogue: CL647-65088



## Informations de base

Numéro de catalogue:  
CL647-65088

Taille:  
100 tests, 5 µl/test

Hôte:  
Rat

Isotype:  
IgG2b, kappa

Numéro d'acquisition GenBank:  
BC054436

Identification du gène (NCBI):  
21838

Nom complet:  
thymus cell antigen 1, theta

Méthode de purification:  
Purification par affinité

CloneNo.:  
30-H12

Dilutions recommandées:  
IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:  
654 nm / 674 nm

## Applications

Applications testées:  
FC, IF

Spécificité de l'espèce:  
souris

Contrôles positifs:

IF : splénocytes de souris BALB/c,

## Informations générales

CD90 (Thy-1) is a 25 kDa, GPI-linked membrane glycoprotein that belongs to immunoglobulin superfamily (PMID: 6177036; 6153212). Originally described as a brain thymus cross-reactive antigen, it is found in large quantities on mouse and rat thymocytes and central nervous system cells (PMID: 83175). CD90 has been postulated to be involved in cellular recognition, adherence, and T cell activation (PMID: 7683034). Mouse CD90 (Thy-1) is defined as a differentiation alloantigen, represented as two serologically distinguishable allelic forms, designated CD90.1 (Thy-1.1) and CD90.2 (Thy-1.2) (PMID: 83175). CD90.2 is expressed by thymocytes, T cells, neurons and hematopoietic stem cells in most strains of mice (C3H, BALB/c, C57BL/6, DBA, and others), whereas CD90.1 is expressed in some mouse strains like AKR (PMID: 5919593).

## 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.

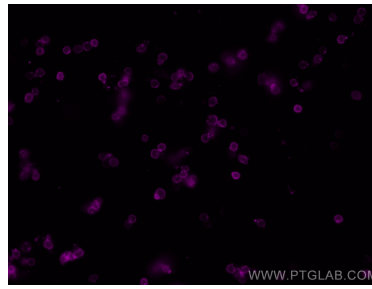
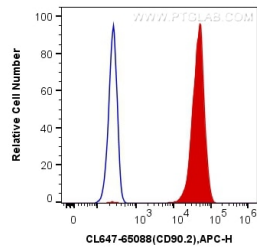
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## Données de validation sélectionnées



1X10<sup>6</sup> BALB/c mouse thymocytes were surface stained with 5.00 ul CoraLite® Plus 647-conjugated Anti-Mouse CD90.2 (CL647-65088, Clone: 30-H12) (red) or isotype control antibody (blue). Cells were not fixed.

Immunofluorescent analysis of BALB/c mouse splenocytes using CoraLite® Plus 647 CD90.2 antibody (CL647-65088, Clone: 30-H12) at dilution of 1:100.