

Nur für Forschungszwecke

# CD90.2 Monoklonaler Antikörper

Katalog-Nr.:CL405-65088



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL405-65088	<b>GenBank-Zugangsnummer:</b> BC054436	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug , 500 µg/ml	<b>GeneID (NCBI):</b> 21838	<b>CloneNo.:</b> 30-H12
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> thymus cell antigen 1, theta	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 399 nm / 422 nm
<b>Isotyp:</b> IgG2b, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Maus

## Hintergrundinformationen

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).

## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Lagerungspuffer:**  
PBS with 0.09% sodium azide.

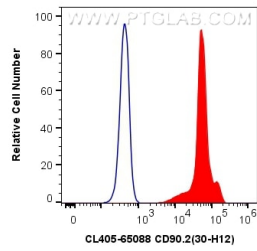
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> mouse thymocytes were surface stained with 0.5 ug CoraLite® Plus 405 Anti-Mouse CD90.2 (CL405-65088, Clone:30-H12) (red) or 0.5 ug Control Antibody. Cells were not fixed.