CD90.2 Monoklonaler Antikörper

Katalog-Nr.:APC-65088

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Allgemeine Informationen

Katalog-Nr.:
APC-65088

Größe:
100ug , 0.2 mg/ml

Wirt:
Ratte

Isotyp:
IgG2b, kappa

GenBank-Zugangsnummer:
BC054436

GeneID (NCBI):
21838

Vollständiger Name:
thymus cell antigen 1, theta

Reinigungsmethode:
Affinitätsreinigung

CloneNo.:
30-H12

Anregungs-/Emissionsmaxima-Wellenlängen:
650 nm / 660 nm

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:
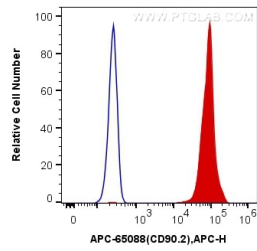Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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

1X10^6 BALB/c mouse thymocytes were surface stained with 0.125 ug APC-Anti-Mouse CD90.2 (APC-65088, Clone: 30-H12) (red) or isotype control antibody (blue). Cells were not fixed.