

Nur für Forschungszwecke

# CD275 (B7-H2) Monoklonaler Antikörper

Katalog-Nr.: PE-65114



## Allgemeine Informationen

<b>Katalog-Nr.:</b> PE-65114	<b>GenBank-Zugangsnummer:</b> BC029227	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.2 mg/ml	<b>GeneID (NCBI):</b> 50723	<b>CloneNo.:</b> HK5.3
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> icos ligand	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 496 nm, 565 nm / 578 nm
<b>Isotyp:</b> IgG2a, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Maus

## Hintergrundinformationen

CD275, also known as B7-H2, ICOSLG or GL50, is a type I transmembrane glycoprotein belonging to the B7 ligand family. CD275 is extensively expressed on professional antigen-presenting cells including B cells, macrophages, and dendritic cells, as well as non-lymphoid cells including mesenchymal stem cells, endothelial cells, fibroblasts, and tumor cells (PMID: 33756276; 35800767). It is a specific ligand for the T-cell-specific cell surface receptor ICOS and acts as a co-stimulatory molecule (PMID: 11023515; 11007762). The interaction of CD275/ICOSLG and ICOS plays important roles in the activation, proliferation, differentiation, and cytokine production of T cells as well as in the antibody secretion from B cells during secondary immune responses (PMID: 21851236).

## 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.

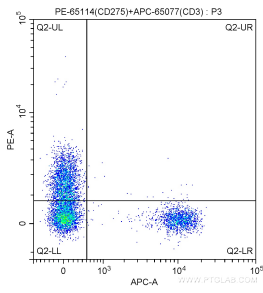
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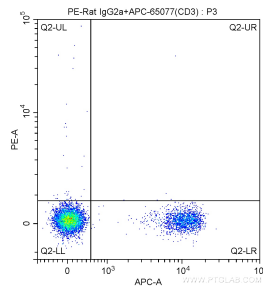
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 0.06 ug PE Anti-Mouse CD275 (B7-H2) (PE-65114, Clone: HK5.3). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 0.06 ug PE-Rat IgG2a isotype control. Cells were not fixed.