

Nur für Forschungszwecke

# CD47 Polyklonaler Antikörper

Katalog-Nr.:CL647-29555



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-29555	<b>GenBank-Zugangsnummer:</b> BC010016	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von961 Nanodrop;	<b>GeneID (NCBI):</b> Vollständiger Name: CD47 molecule	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 654 nm / 674 nm
<b>Wirt:</b> Kaninchen	<b>Berechnete Masse:</b> 323 aa, 35 kDa	
<b>Isotyp:</b> IgG	<b>Immunogen Katalognummer:</b> AG31499	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

CD47, also known as integrin-associated protein (IAP), is a member of the immunoglobulin superfamily containing a five-pass transmembrane attachment. CD47 is heavily glycosylated and widely expressed by hematopoietic and nonhematopoietic cells. CD47 interacts with several membrane integrins and also acts a receptor for thrombospondin (THBS1). It is involved in a range of cellular processes, including apoptosis, proliferation, adhesion, and migration. CD47 also functions as a ligand for signal regulatory protein- $\alpha$  (SIRP $\alpha$ ). Upon binding CD47, SIRP $\alpha$  initiates a signaling cascade that results in the inhibition of phagocytosis.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.

**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

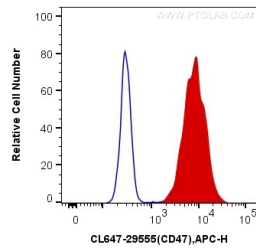
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> HUVEC cells were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Human CD47 (CL647-29555) (red), or 0.25 ug Control Antibody. Cells were not fixed.