

Nur für Forschungszwecke

# CD55 Monoklonaler Antikörper

Katalog-Nr.:CL488-65271



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-65271	<b>GenBank-Zugangsnummer:</b> BC001288	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 ul/test	<b>GeneID (NCBI):</b> 1604	<b>CloneNo.:</b> JS11
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD55 molecule, decay accelerating factor for complement (Cromer blood group)	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 41 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

CD55, also known as DAF, is a glycosylphosphatidylinositol (GPI)-anchored surface glycoprotein that is widely distributed on blood, stroma, epithelial, and endothelial cells (PMID: 7517044; 29503741). It can also exist as a soluble form in plasma, urine, saliva, tears, and synovial fluids (PMID: 29503741). CD55 is a complement regulatory protein (PMID: 2469439; 7517044). It inhibits formation of the C3 convertases through binding to C3b and C4b. It also binds the alternate pathway convertase C3bBb, the classical pathway convertase and C4b2a to accelerate their decay (PMID: 17289551). CD55 also serves as a receptor for coxsackieviruses B1, B3, and B5 and several enteroviruses (PMID: 7538177; 7517044).

## Lagerung

**Lagerungsbedingungen:**

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

**Lagerungspuffer:**

PBS with 0.09% sodium azide and 0.5% BSA.

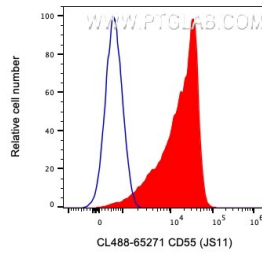
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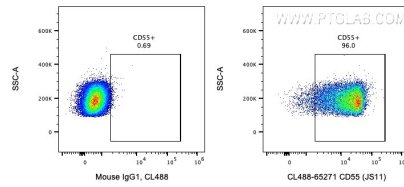
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD55 (CL488-65271, Clone: JS11) (red) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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