

Nur für Forschungszwecke

# CD45 Monoklonaler Antikörper

Katalog-Nr.:CL488-60287



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-60287	<b>GenBank-Zugangsnummer:</b> BC014239	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von5788 Nanodrop;	<b>GeneID (NCBI):</b> 5788	<b>CloneNo.:</b> 4E9B2
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> protein tyrosine phosphatase, receptor type, C	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 1304 aa, 147 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG13712	<b>Beobachtete Masse:</b> 220 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : humanes Tonsillitisgewebe,
<b>Getestete Reaktivität:</b> Hausschwein, Human, Maus	

## Hintergrundinformationen

CD45, also known as leukocyte common antigen (LCA), B220, and T200, is a 180-240 kD single chain type I membrane glycoprotein. It is a tyrosine phosphatase expressed on the plasma membrane of all hematopoietic cells, except erythrocytes and platelets. CD45 is a signaling molecule that regulates a variety of cellular processes including cell growth, differentiation, cell cycle, and oncogenic transformation. CD45 is one of the best negative selection markers for characterizing and/or isolating human mesenchymal stem cells from bone marrow and other sources. Along with the positive selection markers (such as CD29, CD44, CD90, CD105 and CD166), negative selection markers (such as CD34 and CD45) are used for MSC identification.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**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

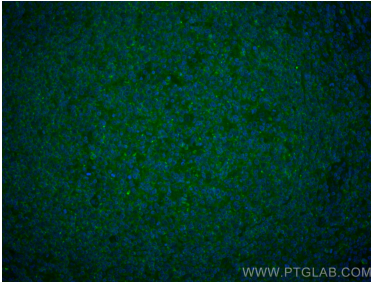
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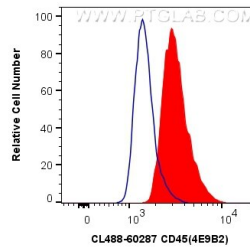
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 CD45 antibody (CL488-60287, Clone: 4E9B2) at dilution of 1:200.



1X10<sup>6</sup> Raji cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human CD45 (CL488-60287, Clone:4E9B2) (red), or 0.8 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).