

Nur für Forschungszwecke

# TCR Beta Monoklonaler Antikörper

Katalog-Nr.:CL647-65106



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-65106	<b>GenBank-Zugangsnummer:</b> GeneID (NCBI): 21577	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>Vollständiger Name:</b> T-cell receptor beta chain	<b>CloneNo.:</b> H57-597
<b>Wirt:</b> Armenian Hamster		<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG		

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Maus

## Hintergrundinformationen

T-cell receptor (TCR) consists of heterodimeric glycoproteins (TCR alpha/beta or gamma/delta) that demonstrate homology with immunoglobulins (PMID: 2144901). TCR beta is a member of the immunoglobulin superfamily and is expressed on alpha/beta TCR-bearing T cells and thymocytes. The TCR heterodimers are noncovalently associated with CD3. The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta (PMID: 1826255). The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction (PMID: 11985657).

## Lagerung

**Lagerungsbedingungen:**  
Bei 2-8°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

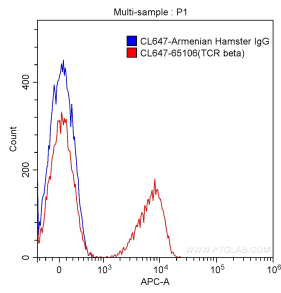
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with 5.00 ul CoraLite® Plus 647-conjugated Anti-Mouse TCR beta (CL647-65106, Clone: H57-597) (red) or isotype control antibody (blue). Cells were not fixed.