

Nur für Forschungszwecke

# TCR beta Monoklonaler Antikörper

Katalog-Nr.: 65106-1-Ig



## Allgemeine Informationen

**Katalog-Nr.:**  
65106-1-Ig

**Größe:**  
100µg, 0.5 mg/ml

**Wirt:**  
Armenian Hamster

**Isotyp:**  
IgG

**GenBank-Zugangsnummer:**

**GeneID (NCBI):**  
21577

**Vollständiger Name:**  
T-cell receptor beta chain

**Reinigungsmethode:**

Affinitätsreinigung

**CloneNo.:**  
H57-597

## 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.

**Lagerungspuffer:**

Phosphatbasierter Puffer mit 0,09% Natriumazid, pH 7,2.

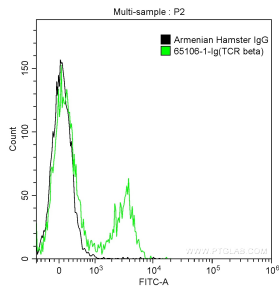
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> mouse splenocytes were surface stained with 0.5 ug Anti-Mouse TCR beta (65106-1-Ig, Clone:H57-597) and FITC Goat anti-hamster (Armenian) IgG Antibody at dilution 1:200 (green), or stained with 0.5 ug isotype control antibody and FITC Goat anti-hamster (Armenian) IgG Antibody at dilution 1:200 (black). Cells were not fixed.