

Nur für Forschungszwecke

# TCR Beta Monoklonaler Antikörper

Katalog-Nr.: FITC-65106



## Allgemeine Informationen

Katalog-Nr.:  
FITC-65106

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

Anregungs-/Emissionsmaxima-  
Wellenlängen:

494 nm / 520 nm

## 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:

Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

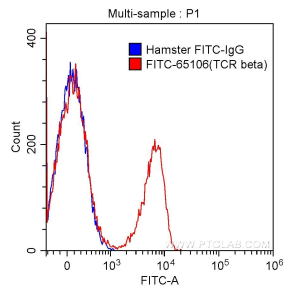
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with 0.25 ug FITC-Anti-Mouse TCR beta (FITC-65106, clone H57-597) (red) or 0.25 ug FITC-Armenian Hamster IgG isotype control (blue). Cells were not fixed.