

Nur für Forschungszwecke

# MHC Class II (I-A/I-E) Monoklonaler Antikörper



Katalog-Nr.: APC-65122

## Allgemeine Informationen

<b>Katalog-Nr.:</b> APC-65122	<b>GenBank-Zugangsnummer:</b> BC031711	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.2 mg/ml	<b>GeneID (NCBI):</b> 14960	<b>CloneNo.:</b> M5/114.15.2
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> histocompatibility 2, class II antigen	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 650 nm / 660 nm
<b>Isotyp:</b> IgG2b, kappa	<b>A, alpha</b>	

## Anwendungen

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

## Hintergrundinformationen

Major histocompatibility complex (MHC) class II molecules are heterodimeric transmembrane glycoproteins that are expressed on the surface of antigen-presenting cells such as dendritic cells, macrophages, and B cells. The M5/114.15.2 antibody detects polymorphic determinants present on B cells, monocytes, macrophages, dendritic cells, and activated T lymphocytes from mice carrying the H-2b, H-2d, H-2q, H-2p, H-2r and H-2u haplotypes but not from mice carrying the H-2s or H-2f haplotypes (PMID: 6170707). This antibody recognizes both I-A and I-E subregion-encoded Ia glycoproteins (I-Ab, I-Ad, I-Aq, I-Ed, I-Ek, not I-Af, I-Ak, or I-As). M5/114 mAb is reported to inhibit I-A subregion-restricted T cell responses of the H-2b, H-2d, H-2q, H-2u but not the H-2f, H-2k, H-2s haplotypes (PMID: 6173436).

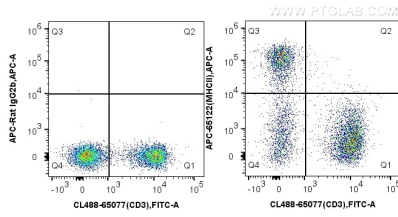
## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**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  
W: 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> BALB/c mouse splenocytes were surface stained with CoraLite® 488 Anti-Mouse CD3 (CL488-65077, Clone: 17A2) and 0.06 µg APC-rat IgG2b isotype control (left) or 0.06 µg APC Anti-Mouse MHC Class II (I-A/I-E) (APC-65122, Clone:M5/114.15.2). Cells were not fixed.