

À des fins de recherche uniquement

# Anticorps Monoclonal anti-MHC Class II (I-A/I-E)



Numéro de catalogue: **APC-65122**

## Informations de base

Numéro de catalogue:

APC-65122

Taille:

100ug, 0.2 mg/ml

Hôte:

Rat

Isotype:

IgG2b, kappa

Numéro d'acquisition GenBank:

BC031711

Identification du gène (NCBI):

14960

Nom complet:

histocompatibility 2, class II antigen

A, alpha

Méthode de purification:

Purification par affinité

CloneNo.:

M5/114.15.2

Excitation/Emission maxima

wavelengths:

650 nm / 660 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

## Informations générales

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).

## Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

Tampon à base de phosphate avec azoture de sodium à 0,09 % et gélatine à 0,1 %, pH 7,2.

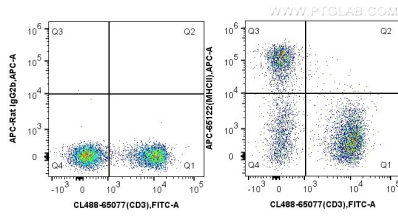
For technical support and original validation data for this product please contact:

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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.**

## Données de validation sélectionnées



1X10<sup>6</sup> BALB/c mouse splenocytes were surface stained with CoraLite® 488 Anti-Mouse CD3 (CL488-65077, Clone: 17A2) and 0.06 ug APC-rat IgG2b isotype control (left) or 0.06 ug APC Anti-Mouse MHC Class II (I-A/I-E) (APC-65122, Clone:M5/114.15.2). Cells were not fixed.