

À des fins de recherche uniquement

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



Numéro de catalogue: **CL488-65122**

Informations de base

Numéro de catalogue:

CL488-65122

Taille:

100 tests, 5 µl/test

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

Dilutions recommandées:

IF 1:200-1:800

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Applications testées:

FC, IF

Spécificité de l'espèce:

souris

Contrôles positifs:

IF : splénocytes de 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:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

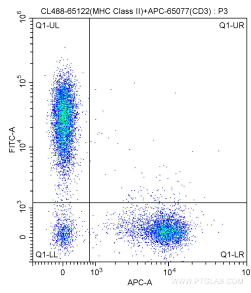
For technical support and original validation data for this product please contact:

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

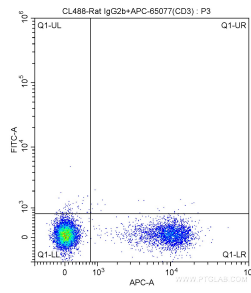
E: proteintech@ptglab.com
W: ptglab.com

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

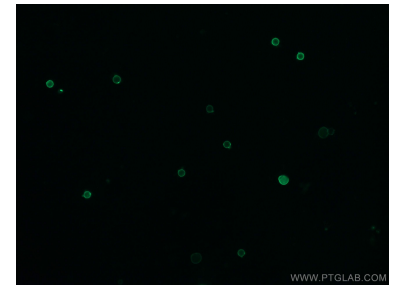
Données de validation sélectionnées



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 5.00 ul CoraLite® Plus 488-conjugated Anti-Mouse MHC Class II (I-A/I-E) (CL488-65122, Clone: M5/114.15.2). Cells were not fixed.



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone: 17A2) and CoraLite® Plus 488-conjugated Rat IgG2b isotype control antibody. Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 488-conjugated Anti-Mouse MHC Class II (I-A/I-E) (CL488-65122, Clone: M5/114.15.2) at dilution of 1:400.