

À des fins de recherche uniquement

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



Numéro de catalogue: FITC-65122

1 Publications

Informations de base

Numéro de catalogue:

FITC-65122

Taille:

100ug, 0.5 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:

495 nm / 524 nm

Applications

Applications testées:

FC

Demandes citées:

FC

Spécificité de l'espèce:

souris

Espèces citées:

Humain, 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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ling Huang	37236192	Cell Chem Biol	FC

Stockage

Stockage:

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

Tampon de stockage:

PBS with 0.09% sodium azide.

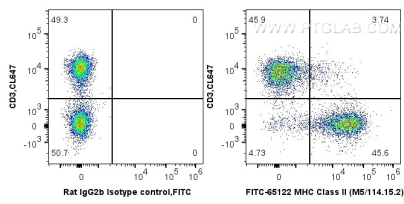
For technical support and original validation data for this product please contact:

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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 mouse splenocytes were surface co-stained with CoraLite® Plus 647-conjugated Anti-Mouse CD3 and 0.5 ug FITC Anti-Mouse MHC Class II (I-A/I-E) (FITC-65122, Clone: M5/114.15.2) or 0.5 ug Isotype Control. Cells were not fixed.