

À des fins de recherche uniquement

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



Numéro de catalogue: **PE-65122**

Informations de base

Numéro de catalogue: PE-65122	Numéro d'acquisition GenBank: BC031711	Méthode de purification: Purification par affinité
Taille: 100ug, 0.2 mg/ml	Identification du gène (NCBI): 14960	CloneNo.: M5/114.15.2
Hôte: Rat	Nom complet: histocompatibility 2, class II antigen	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG2b, kappa	A, alpha	

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).

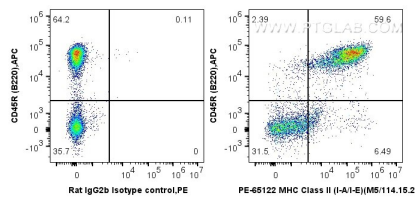
Stockage

Stockage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Tampon de stockage:
PBS with 0.1% sodium azide and 0.5% BSA.

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 mouse splenocytes were surface co-stained with APC Anti-Mouse CD45R (B220) and 0.2 ug PE Anti-Mouse MHC Class II (I-A/I-E) (PE-65122, Clone: M5/114.15.2) or 0.2 ug Isotype Control. Cells were not fixed.