

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

Katalog-Nr.:CL488-65122

Allgemeine Informationen

Katalog-Nr.: CL488-65122	GenBank-Zugangsnummer: BC031711	Reinigungsmethode: Affinitätsreinigung
Größe: 100tests , 5 µl/test	GeneID (NCBI): 14960	CloneNo.: M5/114.15.2
Wirt: Ratte	Vollständiger Name: histocompatibility 2, class II antigen	Empfohlene Verdünnungen: IF 1:200-1:800
Isotyp: IgG2b, kappa	A, alpha	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm

Anwendungen

Geprüfte Anwendungen: FC, IF	Positivkontrollen: IF : Maus-Splenozyten,
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:
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

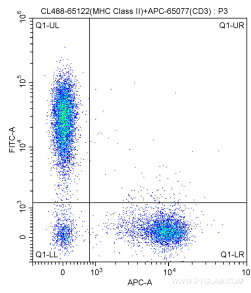
For technical support and original validation data for this product please contact:

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

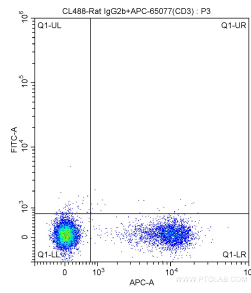
E: proteintech@ptglab.com
W: ptglab.com

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

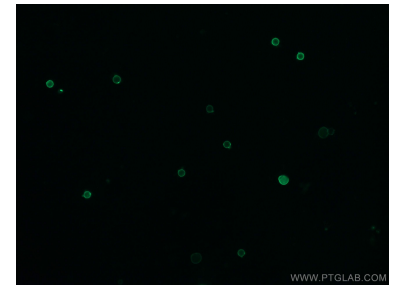
Ausgewählte Validierungsdaten



1×10^6 C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 5.00 μ l CoraLite® Plus 488-conjugated Anti-Mouse MHC Class II (I-A/I-E) (CL488-65122, Clone: M5/114.15.2). Cells were not fixed.



1×10^6 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.