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30-1031: Azide free Anti-MHC Class II Monoclonal Antibody (Clone:M5/114)

Clonality: Monoclonal
Clone Name: M5/114
Application: FACS
Reactivity: Mouse
Gene: Ciita
Gene ID: 12265
Uniprot ID: P79621

Alternative Name : Ciita,C2ta,Mhc2ta

Isotype: Rat IgG2b

Immunogen Information: Activated C57BL/6 mouse spleen cells

Description

MHC (major histocompatibility complex) class II molecules are transmembrane glycoproteins expressed on the surface of professional antigen-presenting cells, such as macrophages, dendritic cells and B cells. Before their exposition on the cell surface, the MHC class II molecules react with endocytosed exogenous antigens, which are then presented to the T cells. The antigen-binding grove between MHC class II alpha and beta chain is open at both ends and is 15-24 amino acid residues long.

Product Info

Amount: 0.1 mg

Purification : Purified by protein-G affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Recommended dilution: 2 μg/ml

Immunoprecipitation Western Blotting Immunohistochemistry Immunohistochemistry (frozen sections) Functional Application Blocking of T cell proliferative responses

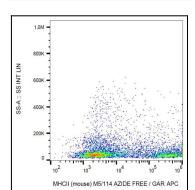


Figure 1: Flow cytometry analysis (surface staining) of MHCII on murine splenocytes with anti-MHCII (M5/114) azide free, GAR-APC.