

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 groove 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

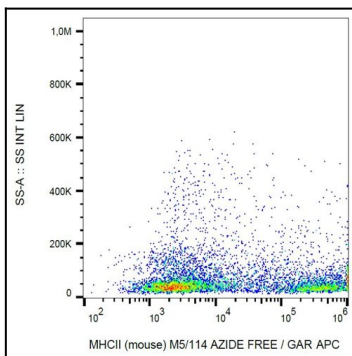


Figure 1: Flow cytometry analysis (surface staining) of MHCII on murine splenocytes with anti-MHCII (M5/114) azide free, GAR-APC.