# **∗** abeomics

## 10-4199: Monoclonal Antibody to mouse MHC Class II (I-A/I-E) (Clone: M5/114)-NALE

Clonality :	Monoclonal
Clone Name :	M5/114
Application :	Functional Assay, IHC, FACS, WB, IF
Reactivity :	Mouse
Format :	Low Endotoxin,Azide Free
Isotype :	Rat lgG2b, k
Immunogen Information : Activated C57BL/6 mouse spleen cells was used as Immunogen	

#### 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 :	25 μg / 100 μg
Purification : Content :	Protein G PBS, pH 7.0 Contains no stabilizers or preservatives
Storage condition :	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

### **Application Note**

<2EU/mg (<0.002EU/µg) Determined by LAL gel clotting assay Functional assays, Immunofluorescence, Western blot, Immunoprecipitation, Flow cytometry

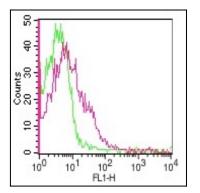


Figure-1: Cell surface flow analysis of mouse MHC Class II on C57 mice splenocytes using 0.5  $\mu$ g/10^6 cells of MHC class II antibody (Clone: M5/114). Green represents isotype control; red represents anti-mouse MHC class II antibody. mouse anti-rat Fitc conjugate was used as secondary antibody.