

## PE Anti-Mouse MHC class II Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M100M2-09B	50 µg
M100M2-09D	200 µg

**Market** | 400-621-0003  
marketing@sungenebiotech.com

**Support** | 022-66211636-8024  
techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

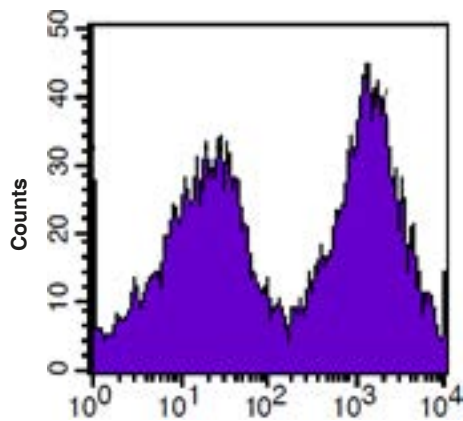
## Purified Antibody Characterization

Clone	Isotype	Reactivity
M5/114.15.2	Rat IgG2b	Mouse

## Description

These class II molecules are expressed on antigen presenting cells (including B cells) and a subset of T cells from H-2b, d, q, r bearing mice and are involved in antigen presentation to T cells expressing CD3/TCR and CD4 proteins.

## Illustration of Immunofluorescent Staining



Log Fluorescence Intensity

C57BL/6 mouse splenocytes stained  
with PE anti-mouse MHC class II

## Product Information

**Conjugation:** PE

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>,  
0.2% BSA

**Concentration:** 0.2 mg/ml

**Storage:** Keep as concentrated solution.  
Store at 4°C and protected from prolonged  
exposure to light. **Do not freeze.**

**Application:** Recommended Application: FC

**Usage:** Each lot of this antibody is quality  
control tested by immunofluorescent staining  
with flow cytometric analysis (The amount of  
the reagent is suggested to be used ≤ 0.25  
µg /10<sup>6</sup> cells in 100 µl). Since applications  
vary, the appropriate dilutions must be  
determined for individual use.

## References

- [1] Watts C. 1997. Ann. Rev. Immunol.  
15:821.  
[2] Pamer E, et al. 1998. Ann. Rev.  
Immunol. 16:323.

**For Research Use Only.**