



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MHC Class II (I-A/I-E) Rat mAb

Catalog: BS36135

Host: Rat

Reactivity: Mouse

BackGround:

H-2 class II histocompatibility antigen, A beta chain. This protein plays important roles in cellular processes, and its expression and regulation are of interest in biomedical research.

Product:

Rat IgG2b kappa. 1mg/ml in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~30.1 kDa

Swiss-Prot:

Purification&Purity:

The antibody was purified by affinity chromatography.

Applications:

IF/ICC (1/50 - 1/200), FC (1/500 - 1/2000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes mouse MHC Class II (I-A/I-E)

DATA:

Western blot analysis of PLC gamma 2 expression in A20 (A) whole cell lysates.

Immunofluorescent analysis of PLC gamma 2 staining in A20 cells.

Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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