

Product datasheet for **SM083RS**

MHC Class II I-Ak Mouse Monoclonal Antibody [Clone ID: 14V.18]

Product data:

Product Type: Primary Antibodies

Clone Name: 14V.18

Applications: FC

Recommended Dilution: **Flow Cytometry.**

Results:

Tissue Distribution by Flow Cytometry Analysis:

Cell Concentration : 1x10⁶ cells per test.

Antibody Concentration Used: 2.0 µg/106 cells.

Cell Source Percentage of cells stained above control:

C3H/He Mouse Spleen (FC Blocked): 47%

Reactivity: Mouse

Host: Mouse

Isotype: IgG2a

Clonality: Monoclonal

Immunogen: A.TL spleen.

Donor: A.TH spleen.

Fusion Partner: P3-X63-Ag8

Specificity: This Monoclonal antibody is a cytotoxic antibody specific for cells expressing the Ia antigen coded for by the A subregion of the k haplotype. The reaction pattern of this antibody with a panel of inbred and recombinant haplotypes demonstrates that the antibody reacts with Ia.m2, a private specificity of the H-2k haplotype.

This antibody can be used to quantitate or to eliminate cells bearing the I-Ak (Ia.m2) antigen.

Formulation: PBS containing 0.02% Sodium Azide as preservative and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml

Label: PE

State: Liquid purified IgG fraction

Label: R-Phycoerythrin

Concentration: lot specific

Conjugation: PE



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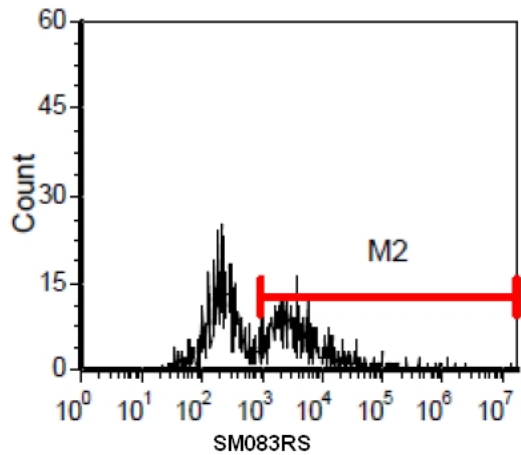
Storage: Store the antibody undiluted at 2-8°C.
DO NOT FREEZE!
This product is photosensitive and should be protected from light.
Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Database Link: [P01910](#)

Synonyms: H2-Aa

Product images:



Cell Source: Mouse Spleen (FC Blocked)