

**SM083RS****Monoclonal Antibody to MHC Class II I-Ak - PE**

<b>Alternate names:</b>	H-2 class II histocompatibility antigen A-K alpha chain, H2-Aa
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.1 mg/ml
<b>Uniprot ID:</b>	<a href="#">P01910</a>
<b>NCBI:</b>	<a href="#">10090</a>
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Clone:</b>	14V.18
<b>Immunogen:</b>	A.TL spleen. Donor: A.TH spleen. Fusion Partner: P3-X63-Ag8
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Buffer System:</b> 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 <b>Label:</b> PE – R-Phycoerythrin
<b>Applications:</b>	<b>Flow Cytometry.</b> <b>Results:</b> <u>Tissue Distribution by Flow Cytometry Analysis:</u> Cell Concentration : 1x10e6 cells per test. Antibody Concentration Used: 2.0 µg/10 <sup>6</sup> cells.  <u>Cell Source Percentage of cells stained above control:</u> C3H/He Mouse Spleen (FC Blocked): 47% Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	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. <b>Species:</b> Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Cell Source: Mouse Spleen (FC Blocked)

