

## Datasheet

### H2-Ab1 monoclonal antibody, clone 25-9-3 (PE)

**Catalog Number:** MAB5800

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against H2-Ab1.

**Clone Name:** 25-9-3

**Immunogen:** C3H.SW splenocytes.

**Host:** Mouse

**Reactivity:** Mouse

**Applications:** Flow Cyt

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** The monoclonal antibody 25-9-3 reacts specifically with the I-Ab haplotype of MHC Class II molecules. Class II antigens are predominantly expressed on antigen-presenting cells including B lymphocytes, macrophages, dendritic cells and certain epithelial cells.

**Form:** Liquid

**Conjugation:** PE

**Isotype:** IgM, kappa (IgMa)

**Recommend Usage:** Flow Cytometry (0.2 ug/10<sup>6</sup> cells)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 14961

**Gene Symbol:** H2-Ab1

**Gene Alias:** A1845868, Abeta, H-2Ab, H2-Ab, I-Ab, I-Abeta, IAb, Ia-2, Ia2, Rmcs1

#### References:

1. Monoclonal antibodies to mouse MHC antigens. III. Hybridoma antibodies reacting to antigens of the H-2b haplotype reveal genetic control of isotype expression. Ozato K, Sachs DH. J Immunol. 1981 Jan;126(1):317-21.