

## Datasheet

### H-2Kd/H-2Dd monoclonal antibody, clone 34-1-2S (PE)

**Catalog Number:** MAB5819

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

**Product Description:** Mouse monoclonal antibody raised against H-2Kd/H-2Dd.

**Clone Name:** 34-1-2S

**Immunogen:** C3H alphaBDF1 mouse splenocytes.

**Host:** Mouse

**Reactivity:** Mouse

**Applications:** Flow Cyt, IHC-Fr  
(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:** An epitope in the alpha3 domain that is common to H-2Kd and H-2Dd.

**Form:** Liquid

**Conjugation:** PE

**Isotype:** IgG2a, kappa

**Recommend Usage:** Flow Cytometry (0.1 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.

#### References:

1. The binary logic of antigen processing and presentation to T cells. Yewdell JW, Bennink JR. Cell. 1990 Jul 27;62(2):203-6.

2. Beta 2-microglobulin deficient mice lack CD4-8+ cytolytic T cells. Zijlstra M, Bix M, Simister NE, Loring JM, Raulet DH, Jaenisch R. Nature. 1990 Apr 19;344(6268):742-6.

3. Evolution of class-I MHC genes and proteins: from natural selection to thymic selection. Lawlor DA, Zemmour J, Ennis PD, Parham P. Annu Rev Immunol. 1990;8:23-63.