

## Datasheet

### H2-D4 monoclonal antibody, clone 34-5-8S (FITC)

**Catalog Number:** MAB5820

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

**Product Description:** Mouse monoclonal antibody raised against H2-D4.

**Clone Name:** 34-5-8S

**Immunogen:** C57BL/6 x DBA/2)F1 hybrid mouse splenocytes.

**Host:** Mouse

**Reactivity:** Mouse

**Applications:** Flow Cyt, IP  
(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:** A conformational epitope on the alpha1 and alpha2 chains of mouse H-2Dd class I alloantigen.

**Form:** Liquid

**Conjugation:** FITC

**Isotype:** IgG2a, kappa

**Recommend Usage:** Flow Cytometry (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. Peptide and beta 2-microglobulin regulation of cell surface MHC class I conformation and expression. Otten

GR, Bikoff E, Ribaldo RK, Kozlowski S, Margulies DH, Germain RN. J Immunol. 1992 Jun 15;148(12):3723-32.  
2. Monoclonal antibodies to mouse major histocompatibility complex antigens. Ozato K, Mayer NM, Sachs DH. Transplantation. 1982 Sep;34(3):113-20.  
3. Hybridoma cell lines secreting monoclonal antibodies to mouse H-2 and Ia antigens. Ozato K, Mayer N, Sachs DH. J Immunol. 1980 Feb;124(2):533-40.