

## Datasheet

### H2-D2 monoclonal antibody, clone 28-14-8 (PE)

**Catalog Number:** MAB5816

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

**Product Description:** Mouse monoclonal antibody raised against native H2-D2.

**Clone Name:** 28-14-8

**Immunogen:** Native purified from C3H.SW 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 of H-2Db.

**Form:** Liquid

**Conjugation:** PE

**Isotype:** IgG2a, kappa

**Recommend Usage:** Flow Cytometry (0.5 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. Intracellular antibody-bound pathogens stimulate immune signaling via the Fc receptor TRIM21. McEwan WA, Tam JC, Watkinson RE, Bidgood SR, Mallery DL,

James LC Nat Immunol. 2013 Mar 3. doi: 10.1038/ni.2548.

2. Cloning and functional characteristics of murine large granular lymphocyte-1: a member of the Ly-49 gene family (Ly-49G2) Mason LH, Ortaldo JR, Young HA, Kumar V, Bennett M, Anderson SK. J Exp Med. 1995 Aug 1;182(2):293-303.

3. Fibroblasts as efficient antigen-presenting cells in lymphoid organs. Kundig TM, Bachmann MF, DiPaolo C, Simard JJ, Battegay M, Lother H, Gessner A, Kuhlcke K, Ohashi PS, Hengartner H, et al.. Science. 1995 Jun 2;268(5215):1343-7.