

## Datasheet

### **Cd86 monoclonal antibody, clone GL1 (PE)**

**Catalog Number:** MAB5753

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

**Product Description:** Rat monoclonal antibody raised against native Cd86.

**Clone Name:** GL1

**Immunogen:** Native purified Cd86 from LPS-activated mouse B cells.

**Host:** Rat

**Reactivity:** Mouse

**Applications:** Flow Cyt, IHC-Fr, 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:** Mouse CD86, the B7-2 co-stimulatory molecule and a ligand for CD28 and CD152/CTLA-4.

**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.

**Entrez GeneID:** 12524

**Gene Symbol:** Cd86

**Gene Alias:** B7, B7-2, B7.2, B70, CLS1, Cd28l2, ETC-1, Ly-58, Ly58, MB7, MB7-2, TS/A-2

#### **References:**

1. The tissue distribution of the B7-2 costimulator in mice: abundant expression on dendritic cells in situ and during maturation in vitro. Inaba K, Witmer-Pack M, Inaba M, Hathcock KS, Sakuta H, Azuma M, Yagita H, Okumura K, Linsley PS, Ikehara S, Muramatsu S, Hodes RJ, Steinman RM. *J Exp Med.* 1994 Nov 1;180(5):1849-60.
2. Comparative analysis of B7-1 and B7-2 costimulatory ligands: expression and function. Hathcock KS, Laszlo G, Pucillo C, Linsley P, Hodes RJ. *J Exp Med.* 1994 Aug 1;180(2):631-40.
3. Uncovering of functional alternative CTLA-4 counter-receptor in B7-deficient mice. Freeman GJ, Borriello F, Hodes RJ, Reiser H, Hathcock KS, Laszlo G, McKnight AJ, Kim J, Du L, Lombard DB, et al.. *Science.* 1993 Nov 5;262(5135):907-9.