

Datasheet

Cd86 monoclonal antibody, clone GL1 (PE/Cy7)

Catalog Number: MAB5756

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/Cy7

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (0.1 ug/10⁶ 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.