

## Datasheet

### **Cd80 monoclonal antibody, clone 1G10 (FITC)**

**Catalog Number:** MAB5948

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

**Product Description:** Rat monoclonal antibody raised against native Cd80.

**Clone Name:** 1G10

**Immunogen:** Native purified Cd80 from dibutyl cAMP-activated 5C2 cells.

**Host:** Rat

**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:** Specificity Mouse CD80 (B7-1), Mr 45-47 KDa

**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.

**Entrez GeneID:** 12519

**Gene Symbol:** Cd80

**Gene Alias:** B7-1, B7.1, Cd28l, Ly-53, Ly53, MIC17, TS/A-1

#### **References:**

1. Costimulation of IL-4 production by murine B7-1 and B7-2 molecules. Natesan M, Razi-Wolf Z, Reiser H. J Immunol. 1996 Apr 15;156(8):2783-91.
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. Signalling through the MHC class II cytoplasmic domain is required for antigen presentation and induces B7 expression. Nabavi N, Freeman GJ, Gault A, Godfrey D, Nadler LM, Glimcher LH. Nature. 1992 Nov 19;360(6401):266-8.