CD80 monoclonal antibody, clone MAB104

**Catalog Number:** MAB4670

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

**Product Description:** Mouse monoclonal antibody raised against native CD80.

**Clone Name:** MAB104

**Immunogen:** Native purified CD80 from Jijoye cells (Human Burkitt Lymphoma cell line).

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IF, IHC-Fr, IHC-P

(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:** B cell activation antigen B7-1 is also called BB1 and clustered as CD80 during the 5th Leucocyte Typing workshop. CD80 is a member of the Ig superfamily and serves as the ligand for two T-cell molecules, CD28 and CD152 (CTLA-4). Reacts with in vitro activated normal B cells. Reacts weakly with a small proportion of non-activated normal B cells. Does not react with peripheral monocytes, resting and activated normal T cells, T-cell lines and T-cell clones. The molecular weight of the recognized antigen is 60KDa.

**Form:** Lyophilized

**Isotype:** IgG1

**Recommend Usage:** Immunofluorescence (2ug/5x10^5 cells/test)

Flow Cytometry (2ug/5x10^5 cells/test)

Immunohistochemistry (Frozen sections)(1:20-1:50)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from PBS (1mg/mL BSA)

**Storage Instruction:** Store at 4°C on dry atmosphere.

After reconstitution with deionized water, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 941

**Gene Symbol:** CD80

**Gene Alias:** CD28LG, CD28LG1, LAB7

**Gene Summary:** The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123890) ligands of T cells.[supplied by OMIM]

**References:**

