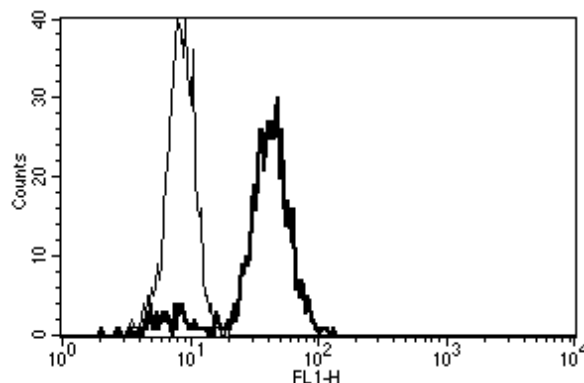


## CD86

### Mouse Anti-Human CD86/B7-2 (Clone B-T7) Azide Free mAb

|                                 |   |                  |        |
|---------------------------------|---|------------------|--------|
| <b>Catalog No.</b>              | CDM201  | <b>Quantity:</b> | 200 µg |
| <b>Alternate Names:</b>         | B-lymphocyte activation antigen, B7-2, B70, CD28LG2, LAB72  |                  |        |
| <b>Description:</b>             | The mouse monoclonal antibody recognizes human CD86, an immunoglobulin superfamily type I membrane protein expressed by antigen-presenting cells. CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and CTLA-4 (cytotoxic T-lymphocyte-associated protein 4). Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. |                  |        |
| <b>Gene ID:</b>                 | 942   |                  |        |
| <b>Concentration:</b>           | 1 mg/ml   |                  |        |
| <b>Conjugate:</b>               | Unconjugated  |                  |        |
| <b>Specificity:</b>             | Recognizes B7.2, B70 antigen, a 80 kDa protein.   |                  |        |
| <b>Host:</b>                    | Mouse   |                  |        |
| <b>Immunogen:</b>               | B70 transfected P815 cell line  |                  |        |
| <b>Isotype:</b>                 | IgG1  |                  |        |
| <b>Clone:</b>                   | B-T7  |                  |        |
| <b>Biological Activity:</b>     | Inhibits mixed lymphocyte culture.  |                  |        |
| <b>Formulation:</b>             | Liquid in PBS. Sterile-filtered and treated to remove endotoxins. Carrier and preservative free.  |                  |        |
| <b>Applications:</b>            | Flow Cytometry, Functional Assays   |                  |        |
| <b>Application Notes:</b>       | The optimal concentration should be determined by the user for each specific application.   |                  |        |
| <b>Storage &amp; Stability:</b> | Stable at 2-8°C for 1 year. For longer storage, freeze aliquots at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>  |                  |        |

A typical staining pattern with the B-T7 monoclonal antibody of monocytes.



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