

CD80 Rat anti-Mouse Monoclonal (RPE) (RM80) Antibody - LS-C57975 - LSBio

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| CatalogID: | LS-C57975 |
| Target: | CD80 molecule |
| Synonyms: | CD80 Antibody, Activation B7-1 antigen Antibody, B7-1 Antibody, B7.1 Antibody, BB1 Antibody, CD28LG Antibody, CD28LG1 Antibody, CD80 antigen Antibody, LAB7 Antibody, CD80 molecule Antibody, CTLA-4 counter-receptor B7.1 Antibody |
| Host | CD80 antibody was produced in Rat |
| Clonality: | Monoclonal |
| Isotype: | IgG2a |
| Clone Name: | RM80 |
| Conjugations: | R. Phycoerythrin (RPE) |
| Immunogen Species: | CD80 antibody was raised against Mouse |
| Immunogen: | CD80 antibody was raised against bCL1 cells expressing CD80. |
| Specificity: | Recognizes mouse CD80 (B7-1), a 60kD cell surface glycoprotein which is a member of the CD28/B7 family. In mice, CD80 is expressed on monocytes, peritoneal macrophages and dendritic cells, and expression may be significantly increased upon B lymphocytes by LPS and by IL-4. CD80 has been identified as a ligand for CD28 and cytotoxic T-lymphocyte antigen-4 (CTLA-4), two structurally similar molecules expressed on T cells. CD28 and CTLA4 are two receptors that have essential but opposing functions in T-cell stimulation. The Interaction of CD80 with CD28 stimulates and sustains T cell responses, whereas the interaction of CD80 with CTLA4 is reported to inhibit T-cell responses |
| Reactivity: | Mouse |
| Purification: | Affinity purified |
| Reconstitution: | Distilled Water. |
| Presentation: | Lyophilized, PBS, pH 7.4, 0.09% sodium azide, 1% BSA. |
| Recommended Storage: | +4°C, avoid freezing |
| Usage Summary: | Flow Cytometry: Use 10 ul of the suggested working dilution to label 1×10^6 cells in 100 ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. |
| Uses: | Flow Cytometry (1:1) (Optimal dilution to be determined by the researcher) |
| Size: | 100 tst |
| Requested From: | Japan |

Laboratory Reagent For In Vitro Research Use Only

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