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## Product Datasheet

### CD80 Antibody [12D9], IgG1, Unconjugated, Mouse, Monoclonal PRS-RF16046

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Article Name               | CD80 Antibody [12D9], IgG1, Unconjugated, Mouse, Monoclonal              |
| Biozol Catalog Number      | PRS-RF16046                                                              |
| Supplier Catalog Number    | RF16046                                                                  |
| Alternative Catalog Number | PRS-RF16046-0.02, PRS-RF16046-0.1                                        |
| Manufacturer               | ProSci                                                                   |
| Host                       | Mouse                                                                    |
| Category                   | Antikörper                                                               |
| Application                | ELISA, ICC, IF, IHC-P, WB                                                |
| Species Reactivity         | Human                                                                    |
| Immunogen                  | CD80 antibody was raised against the extracellular domain of human CD80. |
| Conjugation                | Unconjugated                                                             |
| Clonality                  | Monoclonal                                                               |
| Concentration              | 1 mg/mL                                                                  |
| Clone Designation          | [12D9]                                                                   |
| Molecular Weight           | Predicted: 32 kDa Observed: 50 kDa                                       |
| Isotype                    | IgG1                                                                     |
| NCBI                       | <a href="#">941</a>                                                      |
| UniProt                    | <a href="#">P33681</a>                                                   |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer             | CD80 Antibody is supplied in PBS containing 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                 |
| Form               | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application Dilute | Optimal dilutions for each application to be determined by the researcher.                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes  | CD80 antibody can be used for detection of CD80 by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2 - 5 µg/mL. For immunofluorescence start at 5µg/mL.Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples, Immunocytochemistry in human samples, Immunofluorescence in human samples and Flow Cytometry in mouse samples. All other applications and species not yet tested. |