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## Product Datasheet

### CD28 antibody [CD28.2] (PE-Cy7), IgG1, PE/Cy7, Mouse, Monoclonal GTX00602-10

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD28 antibody [CD28.2] (PE-Cy7), IgG1, PE/Cy7, Mouse, Monoclonal                                                                                                                                                                                              |
| Biozol Catalog Number      | GTX00602-10                                                                                                                                                                                                                                                   |
| Supplier Catalog Number    | GTX00602-10                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | GTX00602-10-100                                                                                                                                                                                                                                               |
| Manufacturer               | GeneTex                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC                                                                                                                                                                                                                                                            |
| Species Reactivity         | Human, Primate                                                                                                                                                                                                                                                |
| Immunogen                  | DC28.1.3.3 murine T cell hybridoma transfected with human CD28 cDNA                                                                                                                                                                                           |
| Conjugation                | PE/Cy7                                                                                                                                                                                                                                                        |
| Product Description        | The CD28.2 antibody reacts with human CD28, a 44 kDa type I surface glycoprotein which acts as a co-stimulatory receptor in support of the T cell receptor (TCR). CD28 exists as a homodimer with specificity for two known ligands, known as B7-1 (CD80) ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.05 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                                                   |
| Clone Designation          | [CD28.2]                                                                                                                                                                                                                                                      |

|                   |                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                     |
| NCBI              | <a href="#">940</a>                                                                                                                                                                                      |
| UniProt           | <a href="#">P10747</a>                                                                                                                                                                                   |
| Buffer            | 10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin, 0.09% Sodium azide.                                                                                                                    |
| Form              | Liquid                                                                                                                                                                                                   |
| Application Notes | FCM: 0.25 µg (5 µl) for 10 <sup>5</sup> -10 <sup>8</sup> cells in 100 µl sample per test.<br>*Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |