



# Anti-CD27 monoclonal antibody, clone 248026 (DCABY-4057)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Antigen Description</b> | Human CD27 is a lymphocyte-specific member of the TNF receptor superfamily. CD27 is expressed on a subset of human thymocytes and on the majority of mature T cells. CD27 expression is induced by antigen-receptor activation in B cells.  |
| <b>Specificity</b>         | Detects mouse CD27 in direct ELISAs and Western blots. In Western blots; does not cross-react with recombinant human (rh) CD27, recombinant mouse (rm) CD40, rmGITR, rhDR6, rhTRAIL R4, rmHVEM, rmCD30, rmRANK, rmFas, rmTRAIL R2, rhTRADD, rm4-1BB, rmLT beta R, rmOPG, rmNGFR, rmDR3, rmBAFF R, rhTRAIL R3, rmTAJ, rmEDAR, rmOX-40, rmTWEAK R, rmTNF R1, rhRELT,? or rmTRAILR1. |
| <b>Immunogen</b>           | Mouse myeloma cell line NS0-derived recombinant mouse CD27/TNFRSF7. Thr21-Arg182<br>Accession Number P41272   |
| <b>Isotype</b>             | IgG2a   |
| <b>Source/Host</b>         | Rat   |
| <b>Species Reactivity</b>  | Mouse   |
| <b>Clone</b>               | 248026  |
| <b>Purification</b>        | Protein A or G purified from hybridoma culture supernatant  |
| <b>Conjugate</b>           | Unconjugated  |
| <b>Applications</b>        | Flow Cytometry, ELISA Capture (Matched Pair)  |
| <b>Format</b>              | Liquid  |
| <b>Size</b>                | 500 µg  |

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| <b>Buffer</b>       | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.   |
| <b>Preservative</b> | None   |
| <b>Storage</b>      | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.<br>12 months from date of receipt, -20 to -70 °C as supplied.<br>1 month from date of receipt, 2 to 8 °C, reconstituted.<br>6 months from date of receipt, -20 to -70 °C, reconstituted. |

## GENE INFORMATION

|                            |  |
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| <b>Gene Name</b>           | <a href="#">Cd27 CD27 antigen [ Mus musculus (house mouse) ]</a>   |
| <b>Official Symbol</b>     | CD27   |
| <b>Synonyms</b>            | CD27; CD27 antigen; S152; Tp55; Tnfrsf7; CD antigen 27; CD27L receptor; T-cell activation antigen CD27; tumor necrosis factor receptor superfamily member 7; tumor necrosis factor receptor superfamily, member 7; |
| <b>Entrez Gene ID</b>      | <a href="#">21940</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_001028298</a>   |
| <b>UniProt ID</b>          | <a href="#">P41272</a>   |
| <b>Chromosome Location</b> | 6 F3; 6 59.32 cM   |
| <b>Pathway</b>             | Cytokine-cytokine receptor interaction;  |
| <b>Function</b>            | cysteine-type endopeptidase inhibitor activity involved in apoptotic process; protein binding;   |