



Anti-gp130 monoclonal antibody, clone 236706 (DCABY-4024)

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

PRODUCT INFORMATION

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| Antigen Description | View gp130 IHC images. |
| Specificity | Detects mouse gp130 ELISAs. In sandwich immunoassays, no cross-reactivity or interference with recombinant humangp130, recombinant mouse (rm)rmIL-6, or rmIL-6R is observed. |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant mouse gp130. Gln23-Glu617 Accession Number Q00560 |
| Isotype | IgG1 |
| Source/Host | Rat |
| Species Reactivity | Mouse |
| Clone | 236706 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Conjugate | Unconjugated |
| Applications | ELISA Capture (Matched Pair), Neutralization |
| Format | Liquid |
| Size | 500 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. |
| Preservative | None |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

12 months from date of receipt, -20 to -70 °C as supplied.
1 month, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

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| Gene Name | Il6st interleukin 6 signal transducer [Mus musculus (house mouse)] |
| Official Symbol | IL6ST |
| Synonyms | IL6ST; interleukin 6 signal transducer; CD130; gp130; AA389424; BB405851; D13Ertd699e; 5133400A03Rik; interleukin-6 receptor subunit beta; IL-6RB; IL-6R-beta; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; interleukin-6 signal |
| Entrez Gene ID | 16195 |
| Protein Refseq | NP_034690 |
| UniProt ID | Q00560 |
| Chromosome Location | 13 D2.2; 13 63.73 cM |
| Pathway | Adipogenesis; Androgen Receptor Signaling Pathway; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; ESC Pluripotency Pathways; IL-6 signaling Pathway; Immune System; Interleukin-6 signaling; |
| Function | ciliary neurotrophic factor receptor activity; ciliary neurotrophic factor receptor binding; cytokine receptor activity; growth factor binding; contributes_to growth factor binding; contributes_to interleukin-11 binding; contributes_to interleukin-11 rece |