



# Anti-gp130 monoclonal antibody, clone 39206 (DCABY-3980)

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

## PRODUCT INFORMATION

Antigen Description	View gp130 IHC images.
Specificity	Detects human gp130 in ELISAs. In sandwich immunoassays, no significant cross-reactivity or interference with recombinant human (rh) CNTF, rhIL-6, rhIL-6 R, recombinant mouse (rm) IL-6, rhIL-11, rhLIF, rhLIF R, rmLIF, or rhOSM is observed. This antibody blocks the human gp130-mediated bioactivities induced by IL-6, IL-11, LIF, OSM, and CNTF.
Immunogen	Sf 21-derived recombinant human gp130 extracellular domain. Leu24-Glu619 (Glu619-Asp, predicted) Accession Number P40189
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	39206
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS.
Preservative	None

<b>Storage</b>	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 from date of receipt, 2 to 8 °C, reconstituted.
	6 months from date of receipt, -20 to -70 °C, reconstituted.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL6ST interleukin 6 signal transducer [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IL6ST
<b>Synonyms</b>	IL6ST; interleukin 6 signal transducer; CD130; GP130; CDW130; IL-6RB; interleukin-6 receptor subunit beta; CD130 antigen; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; membrane glycoprotein gp130; gp130, oncostatin M receptor;
<b>Entrez Gene ID</b>	<a href="#">3572</a>
<b>Protein Refseq</b>	<a href="#">NP_001177910</a>
<b>UniProt ID</b>	<a href="#">P40189</a>
<b>Chromosome Location</b>	5q11.2
<b>Pathway</b>	Adipogenesis; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; IL-6 Signaling Pathway; IL27-mediated signaling events; IL6-mediated signaling events; Immune System; Interleukin-11 Signaling Pathway;
<b>Function</b>	ciliary neurotrophic factor receptor activity; ciliary neurotrophic factor receptor binding; growth factor binding; contributes_to growth factor binding; interleukin-11 binding; interleukin-11 receptor activity; interleukin-27 receptor activity; contribut