



Datasheet for ABIN1383684
anti-CD130/gp130 antibody



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Overview

Quantity:	200 µL
Target:	CD130/gp130 (IL6ST)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD130/gp130 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Natural soluble gp130, Myeloma X63/AG.8653 x Balb/c spleen cells
Clone:	B-K11
Isotype:	IgG2b, kappa
Specificity:	Recognises the Gp130, common subunit for IL-6, IL-11, OSM, LIF, CNTF, CT-1 receptors, a 130-140 kDa protein
Purification:	Ion exchange chromatography
Sterility:	0.22 µm filtered

Target Details

Target:	CD130/gp130 (IL6ST)
Alternative Name:	CD130 (IL6ST Products)

Target Details

Background:	Gp130
Molecular Weight:	130-140 kDa
Pathways:	JAK-STAT Signaling , Cellular Glucan Metabolic Process , Autophagy , Smooth Muscle Cell Migration , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free
Preservative:	Without preservative
Storage:	4 °C
Storage Comment:	Stable at +2-8°C for 12 months. For longer storage freeze aliquots.

Publications

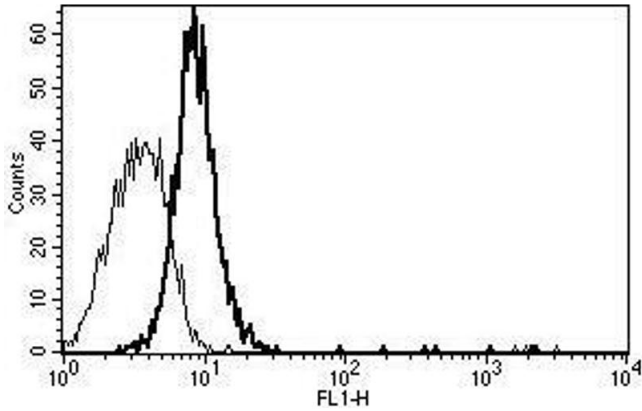
Product cited in: Müller-Newen, Küster, Wijdenes, Schaper, Heinrich: "Studies on the interleukin-6-type cytokine signal transducer gp130 reveal a novel mechanism of receptor activation by monoclonal antibodies." in: **The Journal of biological chemistry**, Vol. 275, Issue 7, pp. 4579-86, (2000) ([PubMed](#)).

Guillet, Auguste, Mayo, Kreher, Gascan: "Ciliary neurotrophic factor is a regulator of muscular strength in aging." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 19, Issue 4, pp. 1257-62, (1999) ([PubMed](#)).

Chevalier, Fourcin, Robledo, Wijdenes, Pouplard-Barthelaix, Gascan: "Interleukin-6 family of cytokines induced activation of different functional sites expressed by gp130 transducing protein." in: **The Journal of biological chemistry**, Vol. 271, Issue 25, pp. 14764-72, (1996) ([PubMed](#)).

Müller-Newen, Köhne, Keul, Hemmann, Müller-Esterl, Wijdenes, Brakenhoff, Hart, Heinrich: "

Purification and characterization of the soluble interleukin-6 receptor from human plasma and identification of an isoform generated through alternative splicing." in: **European journal of biochemistry / FEBS**, Vol. 236, Issue 3, pp. 837-42, (1996) ([PubMed](#)).



Flow Cytometry

Image 1. A typical staining pattern with the B-K11 monoclonal antibody of Eahy 926 cell line