

Datasheet for ABIN2664198  
**anti-CD130/gp130 antibody**



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2 Images

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µg  |
| Target:      | CD130/gp130 (IL6ST)   |
| Reactivity:  | Mouse   |
| Host:        | Rat   |
| Clonality:   | Monoclonal  |
| Conjugate:   | This CD130/gp130 antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF),<br>Neutralization (Neut), Cytometry by Time of Flight (CyTOF), Intracellular Flow Cytometry (ICFC) |

## Product Details

|               |   |
|---------------|---|
| Clone:        | 4H1B35  |
| Isotype:      | IgG2b kappa   |
| Purification: | The antibody was purified by affinity chromatography. |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | CD130/gp130 (IL6ST)   |
| Alternative Name: | CD130 ( <a href="#">IL6ST Products</a> )  |
| Background:       | CD130, also known as gp130 and IL-6ST, is a type I transmembrane glycoprotein. CD130 can form receptor complexes for a family of cytokines, which include IL-6, IL-11, IL-27, LIF, and OSM, and can transduce signals for these cytokines. The 597aa extracellular domain has one Ig-like domain and five fibronectin type-III repeats. The 277a.a. intracellular domain does not |

Target Details

have intrinsic kinase activity. Instead, it can be phosphorylated at tyrosine residues after it forms complexes with other receptor subunits, and in turn can lead to the association with JAK tyrosine kinases and the activation of STAT transcription factors, particularly STAT3.

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

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

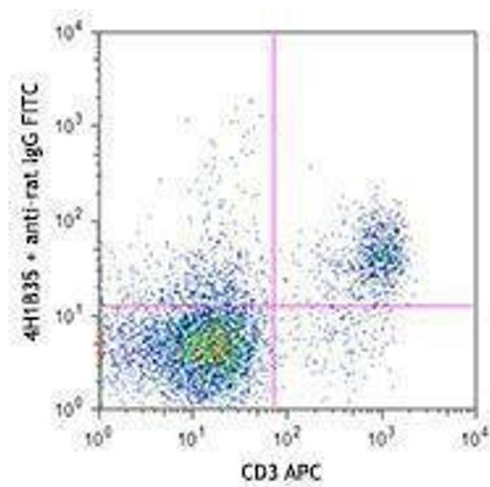
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

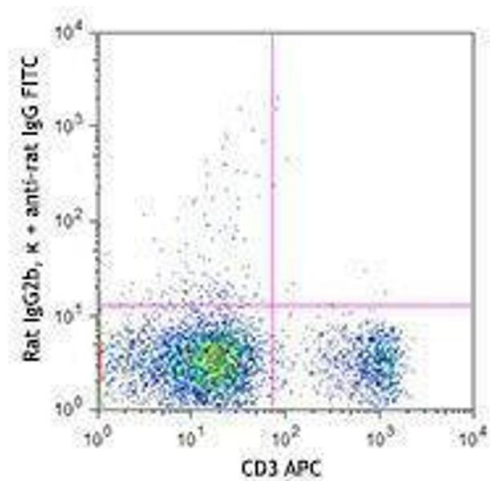
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.



Flow Cytometry

Image 2.