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Datasheet for ABIN517056

## anti-CD130/gp130 antibody (AA 23-122)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	CD130/gp130 (IL6ST)
Binding Specificity:	AA 23-122
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD130/gp130 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant IL6ST.
Immunogen:	IL6ST (NP_002175, 23 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	ELLDPCGYIS PESPVVQLHS NFTAVCVLKE KCMDYFHVNA NYIVWKTNHF TIPKEQYTII NRTASSVTFT DIASLNIQLT CNILTFGQLE QNVYGITIIS
Clone:	2A4
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	CD130/gp130 (IL6ST)
Alternative Name:	IL6ST ( <a href="#">IL6ST Products</a> )
Background:	Full Gene Name: interleukin 6 signal transducer (gp130, oncostatin M receptor) Synonyms: CD130,CDw130,GP130,GP130-RAPS,IL6R-beta
Gene ID:	3572
NCBI Accession:	<a href="#">NM_002184</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Cellular Glucan Metabolic Process</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Cancer Immune Checkpoints</a>

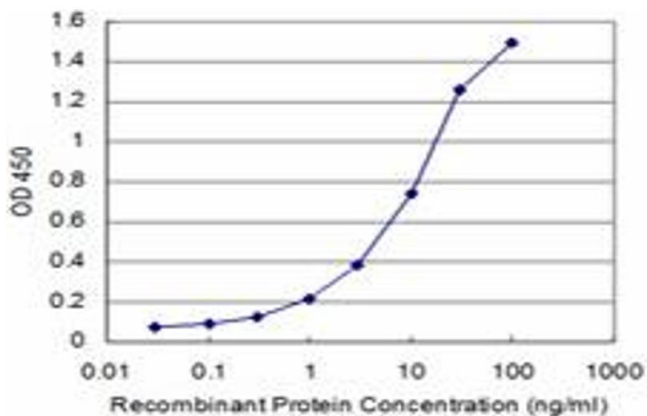
## Application Details

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

## Handling

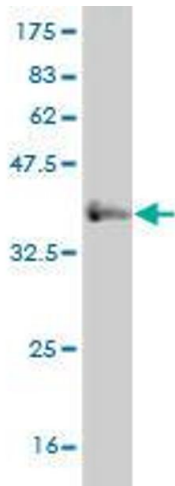
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### ELISA

**Image 1.** Detection limit for recombinant GST tagged IL6ST is approximately 0.1 ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (36.74 kDa).