

## Product Datasheet

# IL6ST/CD130 Rabbit Polyclonal Antibody (orb10914)

<b>Description</b>	IL6ST/CD130 Rabbit Polyclonal Antibody
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	FC, IF, IHC-Fr, IHC-P, WB
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human IL6R beta (651-750/917aa)
<b>Target</b>	IL6ST
<b>Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>MW</b>	99 kDa
<b>Uniprot ID</b>	<b>P40189</b>

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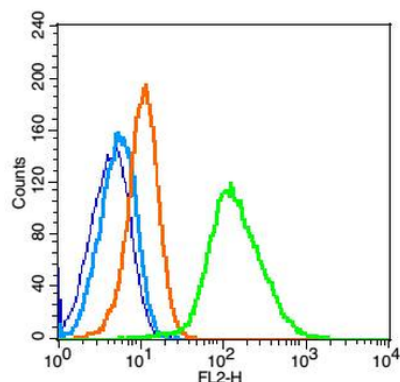
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**Dilution Range**

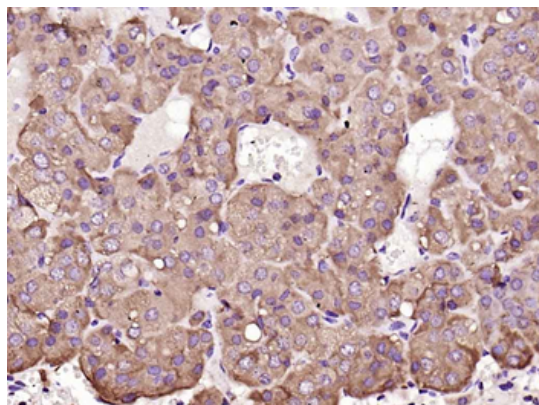
WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test

**Expiration Date**

12 months from date of receipt.



Blank control: Raji (blue). Primary Antibody: Rabbit Anti-CD34 antibody (orb10914), Dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions, Secondary Antibody: Goat anti-rabbit IgG-PE (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. Protocol, The cells were fixed with 2% paraformaldehyde (10 min). Antibody (orb10914, 1 µg/1x10<sup>6</sup> cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody of orb10914 at 1/200 dilution for 30 min on ice. Acquisition of 20000 events was performed.



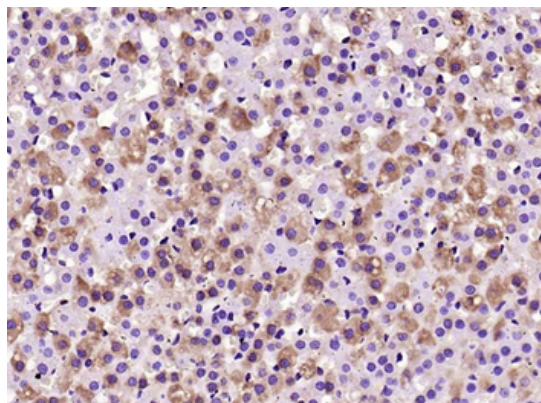
Paraformaldehyde-fixed, paraffin embedded (mouse adrenal gland), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD130) Polyclonal Antibody, Unconjugated (orb10914) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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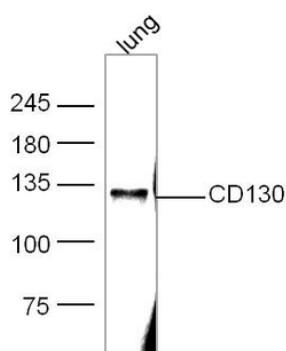
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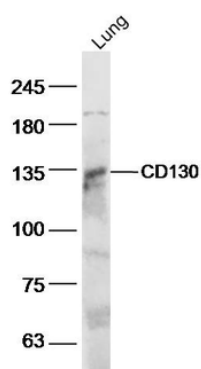
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Paraformaldehyde-fixed, paraffin embedded (rat adrenal gland), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (CD130) Polyclonal Antibody, Unconjugated (orb10914) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Lung (Mouse) Lysate at 30 ug, Primary: Anti-CD130 (orb10914) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/10000 dilution, Predicted band size: 99 kD, Observed band size: 130 kD.



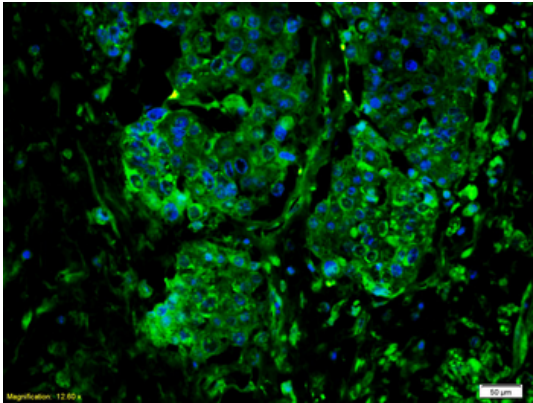
Sample: lung (mouse) Lysate at 40 ug, Primary: Anti-CD130 (orb10914) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 99kD, Observed band size: 130 kD.

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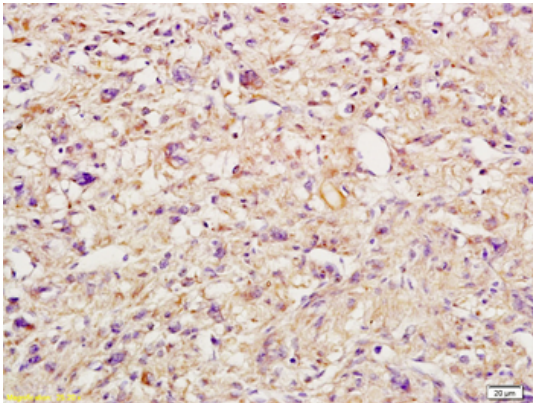
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Tissue/Cell: human colon carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-IL-6R Beta/CD130/gp130 Polyclonal Antibody, Unconjugated (orb10914) 1:300, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, FITC conjugated (orb868805) used at 1:200 dilution for 40 minutes at 37°C. DAPI (5 ug/ml, blue) was used to stain the cell nuclei.



Tissue/Cell: Human endometrium carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-IL-6R Beta/CD130/gp130 Polyclonal Antibody, Unconjugated (orb10914) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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