

## Product Datasheet

### CD130 Antibody (C-term) (orb29062)

<b>Description</b>	Peptide affinity purified rabbit polyclonal antibody.
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IHC-P, WB
<b>Immunogen</b>	Synthetic Peptide
<b>Target</b>	IL6ST
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<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>	Rabbit IgG
<b>Clonality</b>	Polyclonal
<b>Clone Number</b>	RB17993
<b>MW</b>	103537
<b>Uniprot ID</b>	<b>P40189</b>
<b>NCBI</b>	<b>NP_001177910.1, NP_002175.2, NP_786943.1</b>
<b>Dilution Range</b>	WB: 1:1000, IHC-P: 1:50-100

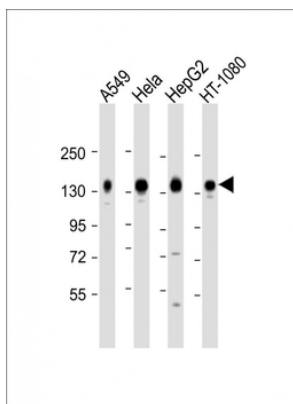
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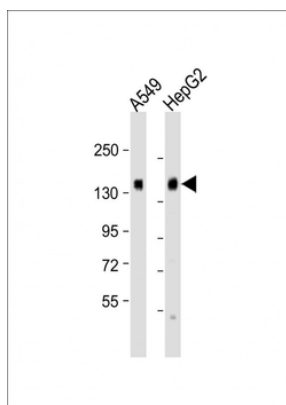
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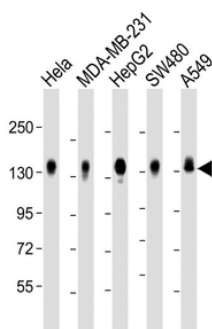
**Expiration Date** 12 months from date of receipt.



All lanes: Anti-CD130 Antibody (C-term) at 1:2000 dilution. Lane 1: A549 whole cell lysate. Lane 2: HeLa whole cell lysate. Lane 3: HepG2 whole cell lysate. Lane 4: HT-1080 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 104kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-CD130 Antibody (C-term) at 1:2000 dilution. Lane 1: A549 whole cell lysate. Lane 2: HepG2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 104 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



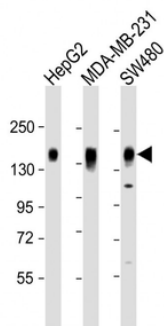
All lanes: Anti-CD130 Antibody (C-term) at 1:2000 dilution. Lane 1: HeLa whole cell lysate. Lane 2: MDA-MB-231 whole cell lysate. Lane 3: HepG2 whole cell lysate. Lane 4: SW480 whole cell lysate. Lane 5: A549 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 104 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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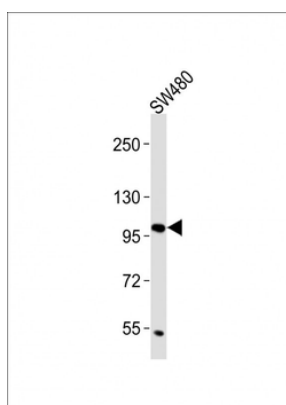
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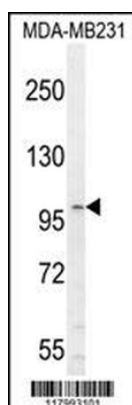
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All lanes: Anti-CD130 Antibody (C-term) at 1:2000 dilution. Lane 1: HepG2 whole cell lysate. Lane 2: MDA-MB-231 whole cell lysate. Lane 3: SW480 whole cell lysate. Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 104 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-CD130 Antibody (C-term) at 1:2000 dilution + SW480 whole cell lysates. Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 104 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



CD130 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35  $\mu$ g/lane). This demonstrates the CD130 antibody detected the CD130 protein (arrow).

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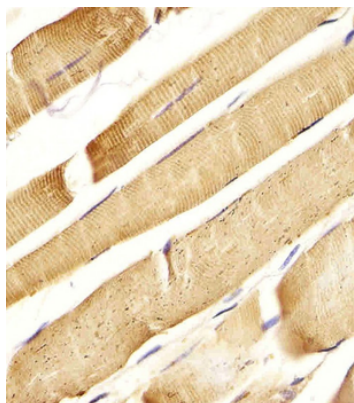
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Staining CD130 in Human skeletal muscle tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary Antibody.

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