

Mouse anti-Human CD130 Monoclonal Antibody | anti-CD130 antibody

CD130 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29893	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

CD130; Monoclonal Antibody; CD130 Antibody; CD130 antibody; CD130 antigen antibody; CDw130 antibody; gp130 antibody; GP130 RAPS antibody; IL 6R beta antibody; IL-6 receptor subunit beta antibody; IL-6R subunit beta antibody; IL-6R-beta antibody; IL-6RB antibody; IL6 ST antibody; IL6RB_HUMAN antibody; IL6ST antibody; Interleukin 6 receptor subunit beta antibody; Interleukin receptor beta chain antibody; Interleukin-6 receptor subunit beta antibody; Interleukin-6 signal transducer antibody; Membrane glycoprotein 130 antibody; Membrane glycoprotein gp130 antibody; Oncostatin M receptor antibody; Oncostatin M receptor alpha subunit antibody; Oncostatin-M receptor subunit alpha antibody; anti-CD130 antibody

PRODUCT SPECIFICATIONS

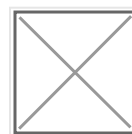
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	B11-B9-A8
Purity/Purification	ProG affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD130 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ICC: 1:50-1:200
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



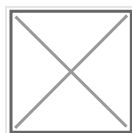
ICC (Immunocytochemistry)

ICC staining CD130 (green) in LOVO cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



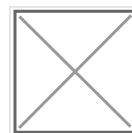
ICC (Immunocytochemistry)

ICC staining CD130 (green) in HUVEC cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-CD130 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD130 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human prostate tissue using anti-CD130 antibody. Counter stained with hematoxylin.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-CD130 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CD130 antibody	Signal-transducing molecule. The receptor systems for IL6, LIF, OSM, CNTF, IL11, CTF1 and BSF3 can utilize IL6ST for initiating signal transmission. Binding of IL6 to IL6R induces IL6ST homodimerization and formation of a high-affinity receptor complex, which activates Janus kinases. That causes phosphorylation of IL6ST tyrosine residues which in turn activates STAT3. Mediates signals which regulate immune response, hematopoiesis, pain control and bone metabolism. Has a role in embryonic development. Does not bind IL6. Essential for survival of motor and sensory neurons and for differentiation of astrocytes. Required for expression of TRPA1 in nociceptive neurons. Required for the maintenance of PTH1R expression in the osteoblast lineage and for the stimulation of PTH-induced osteoblast differentiation. Required for normal trabecular bone mass and cortical bone composition.
Product Categories/Family for anti-CD130 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	300244535
NCBI GeneID	3572
NCBI Accession #	NP_001177910.1
NCBI GenBank Nucleotide #	NM_001190981.1
UniProt Accession #	P40189; Q5FC04; Q9UQ41; A0N0L4
Molecular Weight	103,537 Da
NCBI Official Full Name	interleukin-6 receptor subunit beta isoform 3
NCBI Official Synonym Full Names	interleukin 6 signal transducer (gp130, oncostatin M receptor)
NCBI Official Symbol	IL6ST
NCBI Official Synonym Symbols	CD130; GP130; CDW130; IL-6RB
NCBI Protein Information	interleukin-6 receptor subunit beta; CD130 antigen; IL-6R subunit beta; membrane glycoprotein 130; IL-6 receptor subunit beta; membrane glycoprotein gp130; interleukin receptor beta chain; oncostatin-M receptor subunit alpha; gp130 of the rheumatoid arthr
UniProt Protein Name	Interleukin-6 receptor subunit beta
UniProt Gene Name	IL6ST
UniProt Synonym Gene Names	IL-6 receptor subunit beta; IL-6R subunit beta; IL-6R-beta; IL-6RB; gp130
UniProt Entry Name	IL6RB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd130-antibody-clone-b11-b9-a8-western-blot-immunohistochemistry-immunocytochemistry-elisa/29893>