

CD130 monoclonal antibody

Catalog: MB9126

Host: Mouse

Reactivity: Human

BackGround:

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:

Mouse IgG2b, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

103 kDa

Swiss-Prot:

P40189(Human)

Purification&Purity:

ProG affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:50-1:200

IHC:1:50-1:200

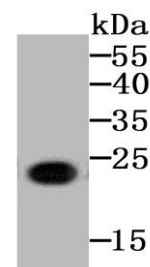
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

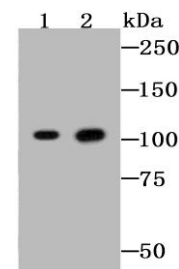
Specificity:

CD130 monoclonal antibody detects endogenous levels of CD130 protein.

DATA:



Western blot analysis of CD130 on CD130 recombinant protein using anti-CD130 antibody at 1/5,000 dilution.



Western blot analysis of CD130 on Raji cell (1) and mouse lung tissue (2) lysates using anti-CD130 antibody at 1/500 dilution.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151