

CD130/gp130 Rabbit mAb

Catalog NO.: A24991 **Recombinant**

Basic Information

Observed MW

Calculated MW

102kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

Unconjugated

Clone number

ARC64569

Background

Contributes to interleukin-11 binding activity and interleukin-11 receptor activity. Involved in interleukin-6-mediated signaling pathway; intestinal epithelial cell development; and positive regulation of Notch signaling pathway. Acts upstream of or within several processes, including glycogen metabolic process; positive regulation of astrocyte differentiation; and regulation of Notch signaling pathway. Located in dendrite; external side of plasma membrane; and neuronal cell body. Is expressed in several structures, including alimentary system; brain; early conceptus; immune system; and reproductive system. Used to study rheumatoid arthritis and stomach cancer. Human ortholog(s) of this gene implicated in arteriosclerosis; hyper IgE recurrent infection syndrome 4; and hyperandrogenism. Orthologous to human IL6ST (interleukin 6 cytokine family signal transducer).

Recommended Dilutions

FC 1:100 - 1:500

Immunogen Information

Gene ID

16195

Swiss Prot

Q00560

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

CD130; gp130; D13Ertd699e; 5133400A03Rik; CD130/gp130

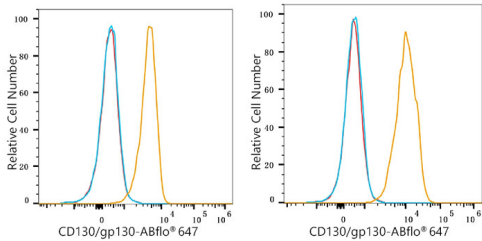
Contact

Product Information

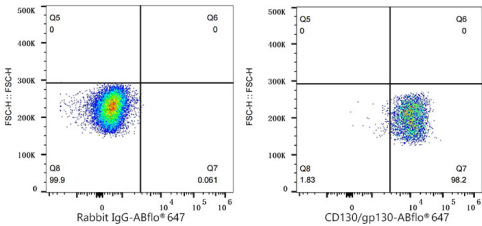
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10⁶ Neuro-2a cells (Low Expression,left) and NIH/3T3 cells (right) were surface-stained with CD130/gp130 Rabbit mAb (A24991,2 µg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ NIH/3T3 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or CD130/gp130 Rabbit mAb (A24991,2 µg/mL,right).

