Leader in Biomolecular Solutions for Life Science

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ABflo® 647 Rabbit anti-Mouse CD140b/PDGFRβ mAb

Catalog No.: A26691 **1 Publications**

Basic Information

Observed MW

Calculated MW
123kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC69297

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Background

Enables platelet-derived growth factor-activated receptor activity and signaling receptor binding activity. Involved in several processes, including positive regulation of intracellular signal transduction; protein phosphorylation; and vasculature development. Acts upstream of or within several processes, including animal organ development; response to ceramide; and ruffle assembly. Located in cell surface; cytoplasm; and ruffle. Is expressed in several structures, including alimentary system; extraembryonic component; genitourinary system; nervous system; and sensory organ. Used to study basal ganglia calcification; infantile myofibromatosis; myeloproliferative neoplasm; and severe nonproliferative diabetic retinopathy. Human ortholog(s) of this gene implicated in basal ganglia calcification; glioblastoma; infantile myofibromatosis; myeloproliferative neoplasm (multiple); and renal cell carcinoma. Orthologous to human PDGFRB (platelet derived growth factor receptor beta).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
18596

Swiss Prot
P05622

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

Synonyms
Pdgfr; CD140b; PDGFR-1

Contact

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Product Information

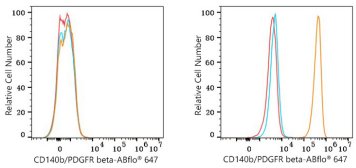
Source
Rabbit

Isotype
IgG

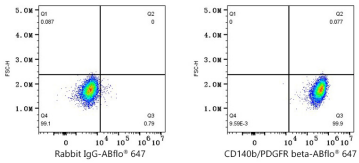
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 CTLL-2 cells (negative control,left) and NIH/3T3 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD140b/PDGFR beta mAb (A26691,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 NIH/3T3 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Mouse CD140b/PDGFR beta mAb (A26691,5 µl/Test,right).