A29425
Leader in Biomolecular Solutions for Life Science

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PE Rabbit anti-Mouse CD121a/IL1R1 mAb

Catalog No.: A29425

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibody

Applications
FC

Cross-Reactivity
Mouse

Conjugate
PE. Ex:565nm. Em:574nm.

Background

Enables interleukin-1 binding activity; interleukin-1 receptor activity; and protease binding activity. Involved in interleukin-1-mediated signaling pathway. Acts upstream of or within several processes, including cytokine-mediated signaling pathway; positive regulation of interleukin-1-mediated signaling pathway; and positive regulation of neutrophil extravasation. Located in external side of plasma membrane. Is expressed in brain; dorsal aorta; liver; reproductive system; and spleen. Used to study type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in systemic scleroderma and type 1 diabetes mellitus. Orthologous to human IL1R1 (interleukin 1 receptor type 1).

Recommended Dilutions

FC	≤0.25 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
16177

Swiss Prot
P13504

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

Synonyms
IL-iR; CD121a; CD121b; IL-1R1; Il1r-1; IL-1R-1; IL-1RT1; IL-1RT-1; IL-1R-alpha

Contact

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Product Information

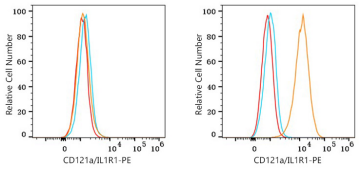
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry: 1X10^6 Neuro-2a cells (negative control,left) and NIH/3T3 cells (right) were surface-stained with PE Rabbit anti-Mouse CD121a/IL1R1 mAb (A29425,0.25 µg,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).