Leader in Biomolecular Solutions for Life Science

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PE Rabbit anti-Mouse CD282/TLR2 mAb

Catalog No.: A30031

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC84632

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

Background

Enables several functions, including amyloid-beta binding activity; lipopeptide binding activity; and lipoteichoic acid binding activity. Involved in several processes, including microglia development; negative regulation of cellular component organization; and positive regulation of cytokine production. Acts upstream of or within several processes, including positive regulation of defense response; regulation of cytokine production; and response to bacterium. Located in external side of plasma membrane. Part of Toll-like receptor 2-Toll-like receptor 6 protein complex. Is expressed in several structures, including brain; early embryo; genitourinary system; gut; and immune system. Human ortholog(s) of this gene implicated in several diseases, including Behcet's disease; dermatitis (multiple); gastrointestinal system cancer (multiple); lung disease (multiple); and rhinitis (multiple). Orthologous to human TLR2 (toll like receptor 2).

Recommended Dilutions

FC	FC

Immunogen Information

Gene ID
24088

Swiss Prot
Q9QUN7

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

Synonyms
Ly105

Contact

400-999-6126

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Product Information

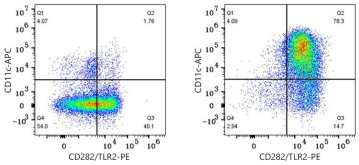
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry:1X10^6 C57BL/6 mouse bone marrow cells (negative control,left) and C57BL/6 Bone Marrow-Derived Dendritic Cells (right) were surface-stained with APC Anti-Mouse CD11c mAb (A27435,5 µl/Test) and PE Rabbit anti-Mouse CD282/TLR2 mAb (A30031,0.25 µg).

For research use only. Not for therapeutic or diagnostic purposes.
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