Leader in Biomolecular Solutions for Life Science

PE Rabbit anti-Mouse CD282/TLR2 mAb

Catalog No.: A30031

Recombinant

www.abclonal.com

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibodies

Applications
FC

Cross Reactivity
Mouse

Clone No.
ARC84632

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
≤0.25 μg per million cells in 100 μl volume

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

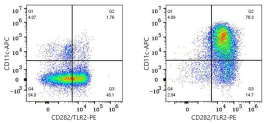
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

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

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.
Please visit http://abclonal.com for a complete listing of recommended products.