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

cn.market@abclonal.com.cn

www.abclonal.com.cn


## Product Information

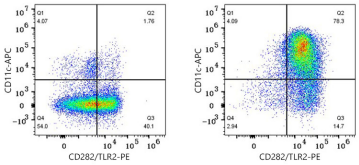
**Source**
Rabbit

**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).



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