For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Mouse TLR4/CD284 Rabbit Recombinant Antibody

Catalog Number:CL647-FcA98018

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL647-FcA98018

Concentration:
100ug, 500 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG32998

GenBank Accession Number:
NM_021297

GeneID (NCBI):
21898

UNIPROT ID:
Q9QUK6

Full Name:
toll-like receptor 4

Calculated MW:
96 kDa

Purification Method:
Protein A purification

CloneNo.:
230463C7

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
mouse

Positive Controls:

FC : mouse peritoneal macrophages,

Background Information

TLR4, also named as CD284, belongs to the Toll-like receptor family. TLR4 interacts with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). TLR4 acts via MYD88, TIRAP and TRAF6, leading to NF-kB activation, cytokine secretion and the inflammatory response. Three alternatively spliced transcript variants that encode different protein isoforms have been described.

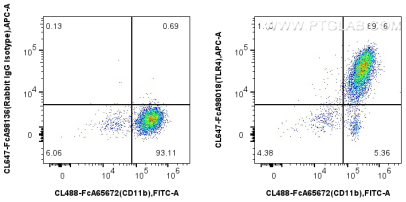
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

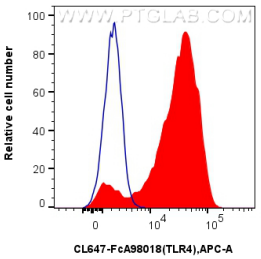
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 mouse peritoneal macrophages were surface stained with FcZero-rAb® CoraLite® Plus 488 Anti-Mouse CD11b, and 0.25 ug CoraLite® Plus 647 Anti-Mouse TLR4/CD284 Rabbit RecAb (CL647-FcA98018, Clone: 230463C7) or 0.25 ug FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10^6 mouse peritoneal macrophages were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse TLR4/CD284 Rabbit RecAb (CL647-FcA98018, Clone: 230463C7) (red) or 0.25 ug FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.