

For Research Use Only

FcZero-rAb® CoraLite® Plus 488 Anti-Mouse TLR4/CD284 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98018



Basic Information

Catalog Number:

CL488-FcA98018

Size:

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 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 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-κB 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

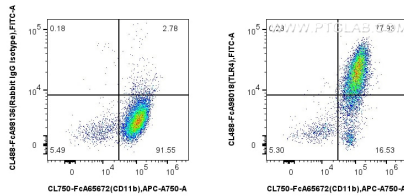
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

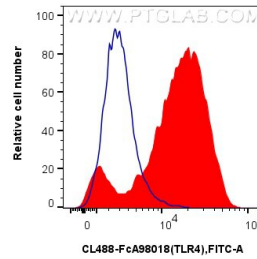
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with FcZero-rAb® CoraLite® Plus 647 Anti-Mouse CD11b, and 0.25 ug CoraLite® Plus 488 Anti-Mouse TLR4/CD284 Rabbit RecAb (CL488-FcA98018, Clone: 230463C7) or 0.25 ug FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse TLR4/CD284 Rabbit RecAb (CL488-FcA98018, Clone: 230463C7) (red) or 0.25 ug FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.