

For Research Use Only

FcZero-rAb[®] Biotin Anti-Mouse TLR4/CD284 Rabbit Recombinant Antibody

Catalog Number: **Biotin-FcA98018**

Basic Information

Catalog Number: Biotin-FcA98018	GenBank Accession Number: NM_021297	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 21898	CloneNo.: 230463C7
Source: Rabbit	UNIPROT ID: Q9QUK6	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: toll-like receptor 4	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: AG32998	Calculated MW: 96 kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : mouse peritoneal macrophages,
Species Specificity: mouse	

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:

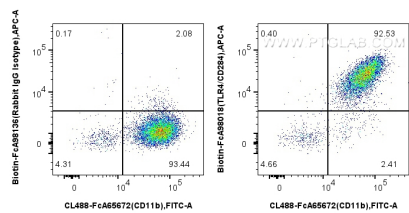
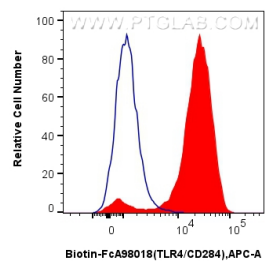
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Biotin Anti-Mouse TLR4/CD284 Rabbit RecAb (Biotin-FcA98018, Clone: 230463C7) or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-CoraLite® Plus 647 Conjugate (CL647-PF00030). Cells were co-stained with CoraLite® Plus 488 Anti-Mouse CD11b (M1/70) Rabbit RecAb (CL488-FcA65672,



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Biotin Anti-Mouse TLR4/CD284 Rabbit RecAb (Biotin-FcA98018, Clone: 230463C7) (red) or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-CoraLite® Plus 647 Conjugate (CL647-PF00030). Cells were not fixed.