For Research Use Only

Anti-Human TLR4/CD284 Rabbit Recombinant Antibody, PBS Only

Catalog Number:98327-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
98327-1-PBS

Concentration:
1mg, 2 mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_138554

GeneID (NCBI):
7099

UNIPROT ID:
O00206

Full Name:
toll-like receptor 4

Calculated MW:
96 kDa

Purification Method:
Protein A purification

CloneNo.:
242067C1

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

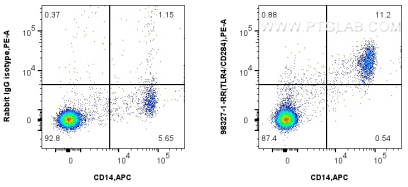
TLR4, also named as CD284, belongs to the Toll-like receptor family. TLR4 interacts with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). TLR4 acts via MYD88, TIRAP and TRAF6, leading to NF-kB activation, cytokine secretion and the inflammatory response. Three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

Storage

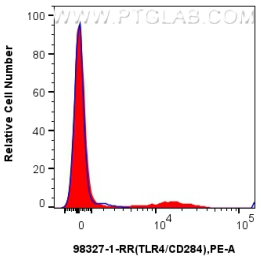
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

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

Selected Validation Data



1x10^6 human PBMCs were surface stained with 0.25 ug Anti-Human TLR4/CD284 Rabbit RecAb (98327-1-RR, Clone: 242067C1) and PE-Conjugated Donkey Anti-Rabbit IgG(H+L), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9). Cells were co-stained with APC Anti-Human CD14 Rabbit Recombinant Antibody (APC-98040, Clone: 230332D7). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the



1x10^6 human PBMCs were surface stained with 0.25 ug Anti-Human TLR4/CD284 Rabbit RecAb (98327-1-RR, Clone:242067C1) (red) and PE-Conjugated Donkey Anti-Rabbit IgG(H+L), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98327-1-PBS in a different storage buffer formulation.