

For Research Use Only

# Anti-Mouse TLR4/CD284 Rabbit Recombinant Antibody

Catalog Number: 98018-1-RR



## Basic Information

<b>Catalog Number:</b> 98018-1-RR	<b>GenBank Accession Number:</b> NM_021297	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1000 ug/ml	<b>GeneID (NCBI):</b> 21898	<b>CloneNo.:</b> 230463C7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9QUK6	
<b>Isotype:</b> IgG	<b>Full Name:</b> toll-like receptor 4	
<b>Immunogen Catalog Number:</b> AG32998	<b>Calculated MW:</b> 96 kDa	

## Applications

**Tested Applications:**  
FC

**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- $\kappa$ B 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. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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

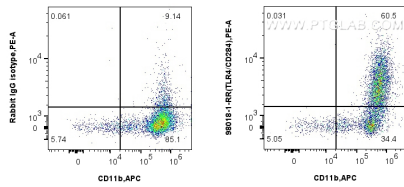
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

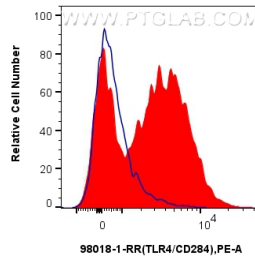
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> Balb/c mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse TLR4/CD284 Rabbit Recombinant Antibody (98018-1-RR, Clone: 230463C7) or 0.25 ug Isotype Control, and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse CD11b (M1/70) (APC-65055, Clone: M1/70). Cells were not fixed.



1x10<sup>6</sup> Balb/c mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse TLR4/CD284 Rabbit Recombinant Antibody (98018-1-RR, Clone: 230463C7) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (blue). Cells were not fixed.