

For Research Use Only

# Anti-Mouse TREM-1/CD354 Rabbit Recombinant Antibody

Catalog Number: 98022-1-RR



## Basic Information

### Catalog Number:

98022-1-RR

### Size:

100ug, 1 mg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_021406.5

### GeneID (NCBI):

58217

### UNIPROT ID:

Q9JKE2

### Full Name:

triggering receptor expressed on myeloid cells 1

### Calculated MW:

25 kDa

### Purification Method:

Protein A purification

### CloneNo.:

240219H1

## Applications

### Tested Applications:

FC

### Species Specificity:

mouse

## Background Information

Triggering receptor expressed on myeloid cells 1 (TREM-1, also known as CD354) is a member of the immunoglobulin superfamily, which is expressed on neutrophils and monocytes. TREM1 plays a role in the innate immune system. TREM1 amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers.

## Storage

### Storage:

Store at 2-8°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.09% sodium azide.

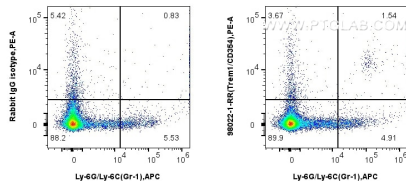
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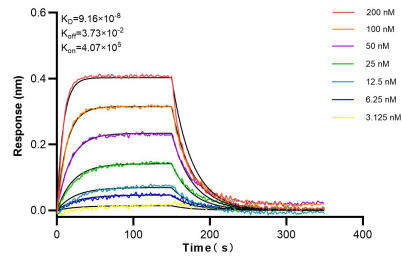
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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse TREM-1/CD354 Rabbit Recombinant Antibody (98022-1-RR, Clone:240219H1) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) (APC-65140, Clone: RB6-8C5). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98022-1-RR against Mouse CD354/TREM-1 were performed. The affinity constant is 91.8 nM.