

For Research Use Only

Anti-Mouse TIM4 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98401-1-PBS



Basic Information

Catalog Number:

98401-1-PBS

Concentration:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3307

GenBank Accession Number:

NM_178759

GeneID (NCBI):

276891

UNIPROT ID:

Q6U7R4

Full Name:

T-cell immunoglobulin and mucin domain containing 4

Calculated MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

242616C10

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

T cell immunoglobulin mucin 4 (TIM4) is a macrophage receptor for phosphatidylserine (PtdSer) on apoptotic cells. It is evidenced that TIM4 as phosphatidylserine (PS) receptor is capable of maintaining peritoneal macrophages' homeostatic function and regulating adaptive immunity based on the alteration of Ag-particular T cells' clearance. It is noteworthy that TIM4's dysregulating process was identified under several autoimmune states, in particular inside immune cells. In addition, TIM4 was identified to be over-expressed in Systemic lupus erythematosus (SLE) cases.

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, pH7.3

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

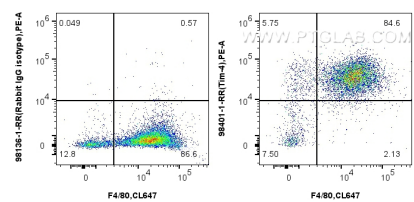
T: 4006900926

E: Proteintech-CN@ptglab.com

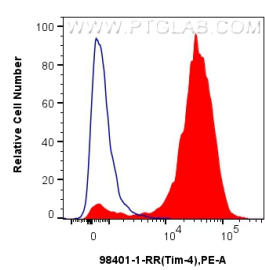
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse TIM4 Rabbit RecAb (98401-1-RR, Clone: 242616C10) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-conjugated Goat Anti-Rabbit IgG. Cells were co-stained with CoraLite® Plus 647 Anti-Mouse F4/80. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98401-1-



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse TIM4 Rabbit RecAb (98401-1-RR, Clone: 242616C10) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 98401-1-PBS in a different storage buffer formulation.