

For Research Use Only

FcZero-rAb® Biotin Anti-Human TREM-1/CD354 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98154



Basic Information

Catalog Number:

Biotin-FcA98154

Size:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1438

GenBank Accession Number:

NM_018643.5

GeneID (NCBI):

54210

UNIPROT ID:

Q9NP99-1

Full Name:

triggering receptor expressed on myeloid cells 1

Calculated MW:

26kDa

Purification Method:

Protein A purification

CloneNo.:

241279D10

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

-

Applications

Tested Applications:

FC, ELISA

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

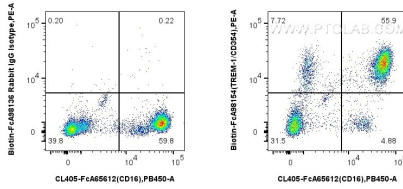
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

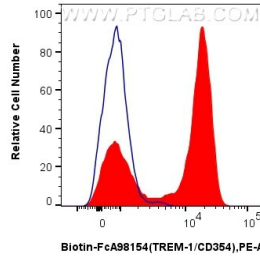
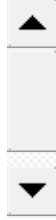
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human TREM-1/CD354 Rabbit RecAb (Biotin-FcA98154, Clone:241279D10) or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb® CoraLite® Plus 405 Anti-Human CD16 (3G8) Rabbit Recombinant Antibody (CL405-



1x10⁶ human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human TREM-1/CD354 Rabbit RecAb (Biotin-FcA98154, Clone: 241279D10) (red) or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.