

For Research Use Only

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

Catalog Number: APC-98022



Basic Information

Catalog Number:

APC-98022

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0874

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

Recommended Dilutions:

FC: 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

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 and 0.5% BSA, pH7.3

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

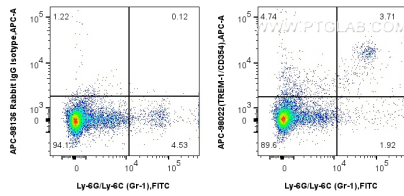
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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with FITC Plus Anti-Mouse Ly-6G/Ly-6C, and 0.1 ug APC Anti-Mouse TREM-1/CD354 Rabbit RecAb (APC-98022, Clone: 240219H1) or APC Rabbit IgG Isotype Control Recombinant Antibody (APC-98136, Clone: 240953C9). Cells were not fixed.