

For Research Use Only

Anti-Human CD169 Rabbit Recombinant Antibody

Catalog Number: 98644-1-RR



Basic Information

Catalog Number:

98644-1-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_023068

GeneID (NCBI):

6614

UNIPROT ID:

Q9BZZ2

Full Name:

sialic acid binding Ig-like lectin 1,
sialoadhesin

Calculated MW:

183 kDa

Purification Method:

Protein A purification

CloneNo.:

251732D3

Recommended Dilutions:

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

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : IFN alpha treated human PBMCs,

Background Information

CD169, also known as sheep erythrocyte receptor (SER), Sialoadhesin (Sn) or Siglec-1, is a sialic acid-binding immunoglobulin-like lectin that belongs to the SIGLEC family of the Ig superfamily (PMID: 3783087; 11133773). CD169 is a single-pass transmembrane protein containing a long extracellular domain, a transmembrane region, and a short cytoplasmic tail (PMID: 11133773). It is primarily expressed on the surface of specific macrophage subsets and its precursor monocytes, as well as on some DCs (PMID: 33408860). CD169 binds to sialic acid-containing glycoconjugates, particularly those with α(2,3)-linkages. It is involved in immune regulation, pathogen recognition, and cell-cell interactions.

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

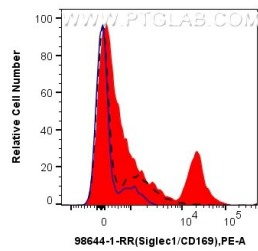
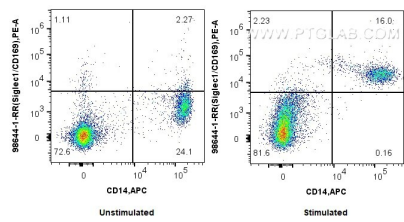
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Selected Validation Data



1x10⁶ unstimulated or IFN alpha treated human PBMCs were surface stained with 0.25 ug Anti-Human CD169 Rabbit RecAb (98644-1-RR, Clone:251732D3) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

1x10⁶ IFN alpha treated human PBMCs were surface stained with 0.25 ug Anti-Human CD169 Rabbit RecAb (98644-1-RR, Clone:251732D3) (red), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone:240953C9) (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ unstimulated human PBMCs were surface stained with 0.25 ug Anti-Human CD169 Rabbit RecAb (98644-1-RR, Clone:251732D3)(black) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells

