

For Research Use Only

FcZero-rAb™ PE Anti-Human CD244 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98133



Basic Information

Catalog Number:

PE-FcA98133

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC053985

GeneID (NCBI):

51744

Full Name:

CD244 molecule, natural killer cell receptor 2B4

Calculated MW:

365 aa, 41 kDa

Purification Method:

Protein A purification

CloneNo.:

241260G10

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD244, also known as SLAMF4 or 2B4, is a type I transmembrane glycoprotein belonging to the signaling lymphocyte activation molecule (SLAM) family. It consists of an extracellular segment with two immunoglobulin (Ig)-like domains, a transmembrane region, and a cytoplasmic domain containing tyrosine-based motifs (PMID: 9841922; 30546369). CD244 is present on natural killer (NK) cells, $\gamma \delta$ T cells, a subset of CD8+ T cells, monocytes, basophils, dendritic cells, and myeloid-derived suppressor cells (MDSCs) (PMID: 30546369). It binds to CD48 with high affinity and transmits stimulatory or inhibitory signals that regulate immune function (PMID: 9841922; 18523281).

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.

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

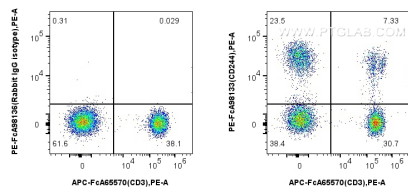
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with FcZero-rAb™ APC Anti-Human CD3 (UCHT1) and 5 ul PE Anti-Human CD244 Rabbit RecAb (PE-FcA98133, Clone:241260G10) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.