

For Research Use Only

FcZero-rAb™ PE Anti-Human IL-12RB1/CD212 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98149



Basic Information

Catalog Number: PE-FcA98149	GenBank Accession Number: BC029121	Purification Method: Protein A purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 3594	CloneNo.: 241661H1
Source: Rabbit	Full Name: interleukin 12 receptor, beta 1	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Calculated MW: 662 aa, 73 kDa	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm

Applications

Tested Applications: FC	Positive Controls: FC : Anti-CD3/CD28 treated human PBMCs,
Species Specificity: human	

Background Information

Interleukin-12 receptor subunit beta-1 (IL-12RB1), also named as CD212, is a 662 amino acid protein, which contains 5 fibronectin type-III domains and belongs to the type I cytokine receptor family. IL-12RB1 localizes in the membrane and functions as an interleukin receptor which binds IL-12 with low affinity and is involved in IL-12 transduction. Associated with IL-12RB2 it forms a functional, high affinity receptor for IL-12. It can also associate with IL23R to form the interleukin-23 receptor which functions in IL-23 signal transduction probably through activation of the Jak-Stat signaling cascade.

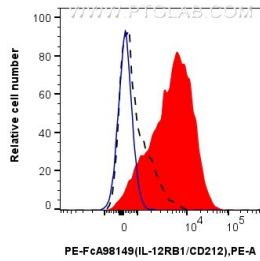
Storage

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:
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 anti-CD3/CD28 treated human PBMCs were surface stained with 5 ul PE Anti-Human IL-12RB1/CD212 Rabbit RecAb (PE-FcA98149, Clone: 241661H1) (red) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9) (blue). 1x10⁶ untreated human PBMCs were surface stained with 5 ul PE Anti-Human IL-12RB1/CD212 Rabbit RecAb (PE-FcA98149, Clone: 241661H1) (black, dashed). Cells were not fixed.