

For Research Use Only

Anti-Mouse CD25/IL-2RA (PC61.5)

Catalog Number: 65137-1-Ig



Basic Information

Catalog Number: 65137-1-Ig	GenBank Accession Number: BC114437	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 16184	CloneNo.: PC61.5
Source: Rat	UNIPROT ID: P01590	
Isotype: IgG1, lambda	Full Name: interleukin 2 receptor, alpha chain	

Applications

Tested Applications:
FC

Species Specificity:
mouse

Background Information

Proliferation of T lymphocytes is triggered by the interaction of IL-2 with its specific receptor following T lymphocyte activation. The receptor for IL-2 has three forms, generated by different combinations of three different proteins, the alpha chain (IL-2R alpha), the beta chain (IL-2R beta), and the gamma chain (IL-2R gamma) (PMID: 8476561). IL-2R alpha (also known as CD25) is a type I transmembrane protein present on activated T cells, activated B cells, some thymocytes, myeloid precursors, and oligodendrocytes. CD25 is also found on natural CD4⁺Foxp3⁺ Treg cells (PMID: 22585674).

Storage

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

Storage Buffer:
PBS with 0.09% sodium azide.

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

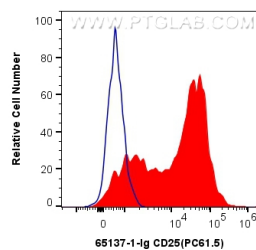
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



1X10⁶ Anti-CD3 and Anti-CD28 stimulated mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD25 (65137-1-Ig, Clone:PC61.5) (red), or 0.5 ug Isotype Control. Cells were not fixed.