

For Research Use Only

IL9R Recombinant monoclonal antibody, PBS Only

Catalog Number: 87379-1-PBS



Basic Information

Catalog Number: 87379-1-PBS	GenBank Accession Number: NM_002186.2	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 3581	CloneNo.: 252405E6
Isotype: IgG	UNIPROT ID: Q01113-1	
Immunogen Catalog Number: EG2902	Full Name: interleukin 9 receptor	
	Calculated MW: 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, rat

Background Information

Interleukin-9 (IL-9) is a cytokine produced by various cell types including TH2, TH9, TH17, regulatory T (Treg) cells, mast cells, type 2 innate lymphoid cells (ILC2), and CD8+ T cells. IL-9 activates the phosphorylation of Janus kinase 1 (JAK1) and JAK3 by binding to its receptor, IL-9R, thus initiating downstream transcriptional signaling and exerting its biological functions.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

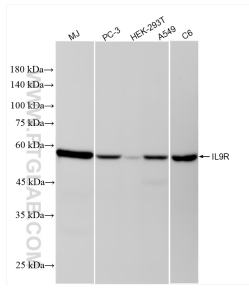
T: 4006900926

E: Proteintech-CN@ptglab.com

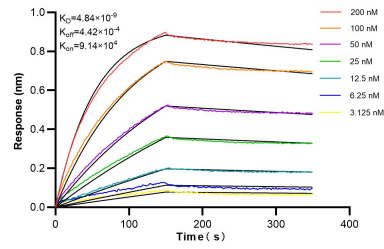
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87379-1-RR (IL9R antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87379-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87379-1-RR against Human IL9R were performed. The affinity constant is 4.84 nM.