

For Research Use Only

CD122/IL-2RB Recombinant antibody

Catalog Number: 84389-2-RR



Basic Information

Catalog Number: 84389-2-RR	GenBank Accession Number: BC025691	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3560	CloneNo.: 241677C9
Source: Rabbit	ENSEMBL Gene ID: ENSG00000100385	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG	UNIPROT ID: P14784	
	Full Name: interleukin 2 receptor, beta	
	Calculated MW: 551 aa, 61 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : NK-92 cells,
Species Specificity: human	

Background Information

The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. The beta subunit (IL2RB, also known as CD122 and p75) is involved in receptor mediated endocytosis and transduces the mitogenic signals of nterleukin 2.

Storage

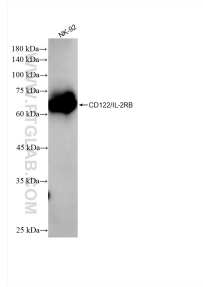
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

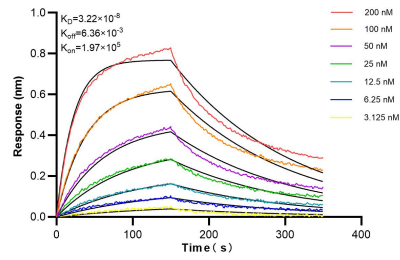
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



NK-92 cells were subjected to SDS PAGE followed by western blot with 84389-2-RR (CD122/IL-2RB antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84389-2-RR against Human CD122/IL-2RB were performed. The affinity constant is 32.2 nM.