

For Research Use Only

IL-13RA2 Recombinant monoclonal antibody

Catalog Number: 85631-7-RR

1 Publications



Basic Information

Catalog Number:	85631-7-RR	GenBank Accession Number:	NM_008356.4	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	16165	CloneNo.:	251942D5
Source:	Rabbit	UNIPROT ID:	O88786-1	Recommended Dilutions:	WB: 1:1000-1:6000
Isotype:	IgG	Full Name:	interleukin 13 receptor, alpha 2		
Immunogen Catalog Number:	EG3118	Calculated MW:	44 kDa		
		Observed MW:	52 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB : mouse thymus tissue,
Species Specificity:	mouse		

Background Information

IL13RA2, also named as IL13R and CD213a2, belongs to the type I cytokine receptor family. It binds as a monomer with high affinity to interleukin-13 (IL13), but not to interleukin-4 (IL4). IL13RA2 lacks the cytoplasmic domain for signaling, indicating that it acts as a decoy receptor. IL13RA2 gene polymorphisms have been associated with systemic sclerosis (PMID: 16981293). Overexpression of IL13RA2 gene has been reported in several types of cancer, including melanoma, lung cancer, and brain tumor, which makes it a potential immunotherapeutic target (PMID: 19895199; 24970476; 24021875).

Notable Publications

Author	Pubmed ID	Journal	Application
Mitsutoshi Kurosaka	42353314	Int J Mol Sci	

Storage

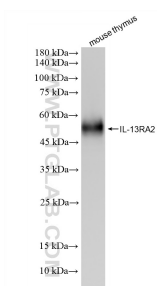
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

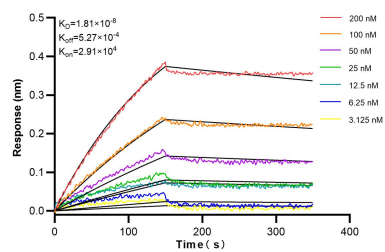
For technical support and original validation data for this product please contact:
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Selected Validation Data



mouse thymus tissue was subjected to SDS PAGE followed by western blot with 85631-7-RR (IL-13RA2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85631-7-RR against Mouse IL-13RA2 were performed. The affinity constant is 18.1 nM.