

For Research Use Only

IL-24 Recombinant monoclonal antibody

Catalog Number: 87821-1-RR



Basic Information

Catalog Number: 87821-1-RR	GenBank Accession Number: BC009681	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 11009	CloneNo.: 251947B5
Source: Rabbit	UNIPROT ID: Q13007	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: interleukin 24	
Immunogen Catalog Number: EG4971	Calculated MW: 207 aa, 24 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Transfected with human IL-24 CHO cells, IF/ICC : Jurkat cells,

Background Information

Interleukin-24 (IL-24) , also known as Melanoma Differentiation-Associated gene 7 (mda-7) , is a protein that belongs to the IL-10 family of cytokines. It was initially discovered in 1995 by researchers Paul B. Fisher and colleagues as a gene that is induced during the terminal differentiation of melanoma cells. Unlike many other cytokines, IL-24 is secreted primarily by activated monocytes, macrophages, and T helper 2 (Th2) cells.

Storage

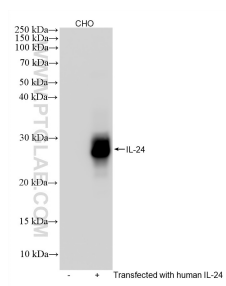
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

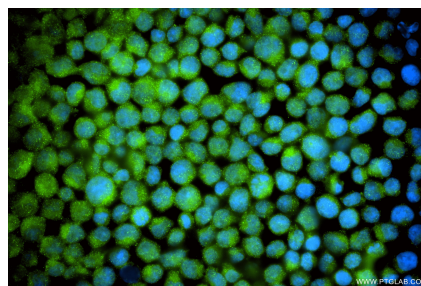
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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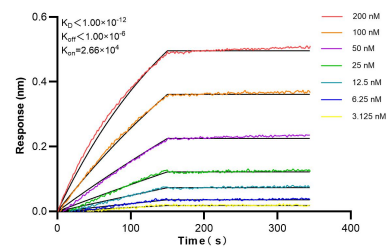
Selected Validation Data



CHO cells transfected with human IL-24 were subjected to SDS PAGE followed by western blot with 87821-1-RR (IL-24 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using IL-24 antibody (87821-1-RR, Clone: 251947B5) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 87821-1-RR against Human IL-24 were performed. The affinity constant is below 1 pM.