

For Research Use Only

IL-24 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87821-1-PBS



Basic Information

Catalog Number: 87821-1-PBS	GenBank Accession Number: BC009681	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 11009	CloneNo.: 251947B5
Source: Rabbit	UNIPROT ID: Q13007	
Isotype: IgG	Full Name: interleukin 24	
Immunogen Catalog Number: EG4971	Calculated MW: 207 aa, 24 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

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

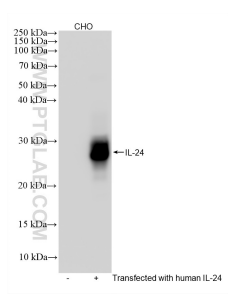
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

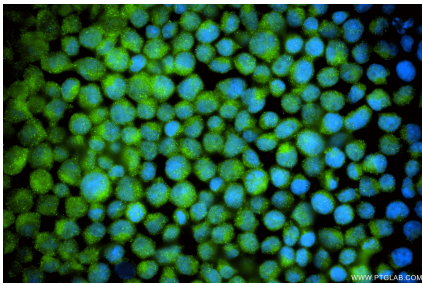
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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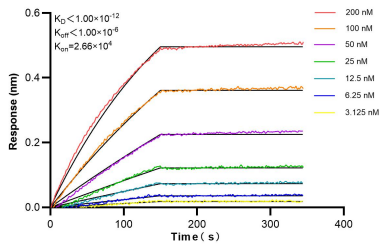
Selected Validation Data



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. This data was developed using the same antibody clone with 87821-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 87821-1-PBS in a different storage buffer formulation.



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