

For Research Use Only

IL-24 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87821-1-PBS



Basic Information

Catalog Number:

87821-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4971

GenBank Accession Number:

BC009681

GeneID (NCBI):

11009

UNIPROT ID:

Q13007

Full Name:

interleukin 24

Calculated MW:

207 aa, 24 kDa

Purification Method:

Protein A purification

CloneNo.:

251947B5

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.

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:

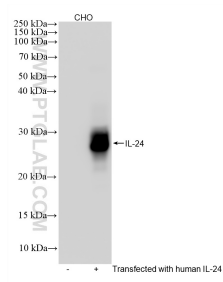
T: 4006900926

E: Proteintech-CN@ptglab.com

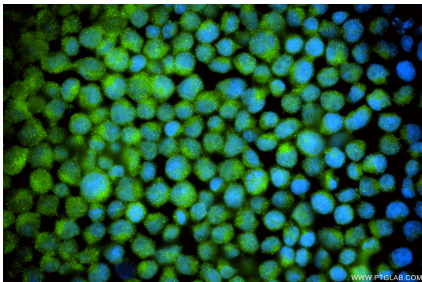
W: ptgcn.com

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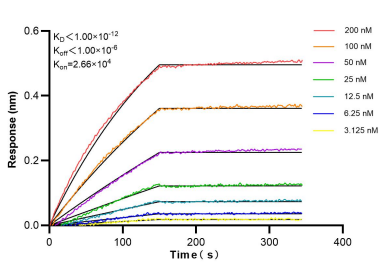
Selected Validation Data



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.