

For Research Use Only

IL-24 Recombinant monoclonal antibody

Catalog Number: 87821-1-RR



Basic Information

Catalog Number:

87821-1-RR

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

Recommended Dilutions:

WB: 1:2000-1:10000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

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

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

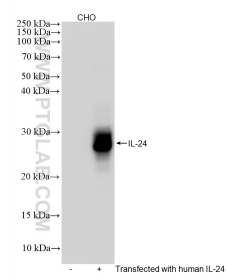
T: 4006900926

E: Proteintech-CN@ptglab.com

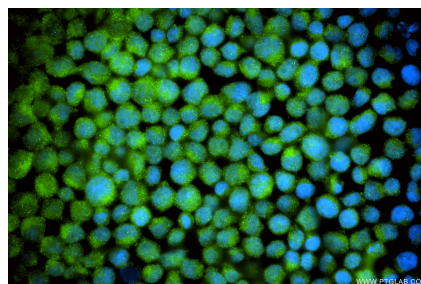
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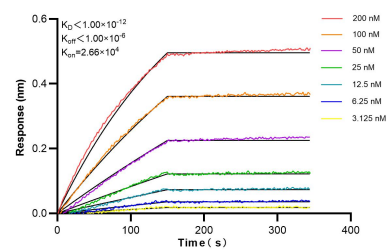
Selected Validation Data



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.