

For Research Use Only

Anti-Human IL-24 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98735-3-PBS



Basic Information

Catalog Number:

98735-3-PBS

Size:

1mg, 3 mg/ml

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.:

251947A2

Applications

Tested Applications:

IHC, FC (Intra)

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. IL-24 is secreted by multiple cell types, such as immune cells (T cells, B cells, NK cells, macrophages), and non-immune cells (epithelial cells and fibroblasts).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

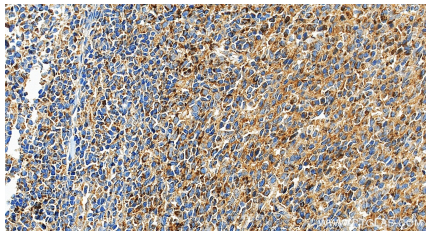
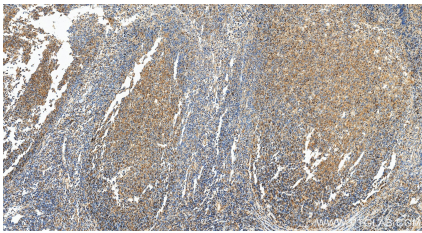
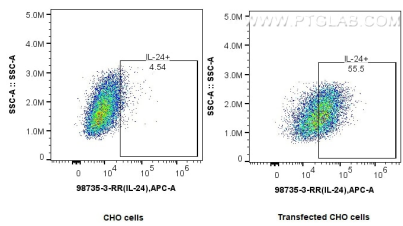
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

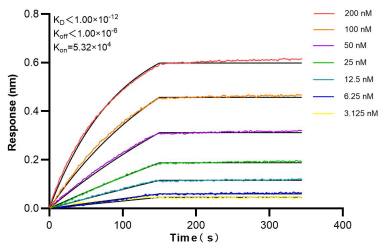


1x10⁶ CHO cells or IL-24 transfected CHO cells were intracellularly stained with 0.25 ug Anti-Human IL-24 Rabbit RecAb (98735-3-RR, Clone: 251947A2) and CoraLite647-conjugated F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone with 98735-3-PBS in a



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 98735-3-RR (IL-24 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98735-3-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 98735-3-RR (IL-24 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 98735-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98735-3-RR against Human IL-24 were performed. The affinity constant is below 1 pM.