

For Research Use Only

Anti-Human IL-24 Rabbit Recombinant Antibody

Catalog Number: 98735-3-RR



Basic Information

Catalog Number: 98735-3-RR	GenBank Accession Number: BC009681	Purification Method: Protein A purification
Concentration: 100ug, 1000 µg/ml	GeneID (NCBI): 11009	CloneNo.: 251947A2
Source: Rabbit	UNIPROT ID: Q13007	Recommended Dilutions: IHC: 1:500-1:2000
Isotype: IgG	Full Name: interleukin 24	FC (Intra): 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Immunogen Catalog Number: EG4971	Calculated MW: 207 aa, 24 kDa	

Applications

Tested Applications: IHC, FC (Intra)	Positive Controls:
Species Specificity: human	IHC : human tonsillitis tissue, FC (Intra) : Transfected CHO cells,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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 2 - 8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

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

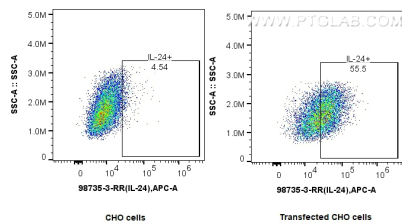
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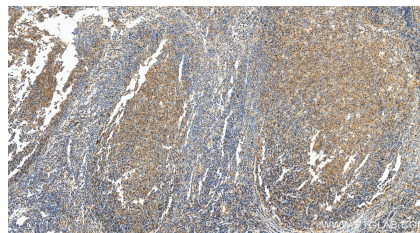
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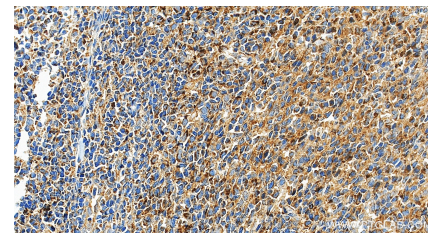
Selected Validation Data



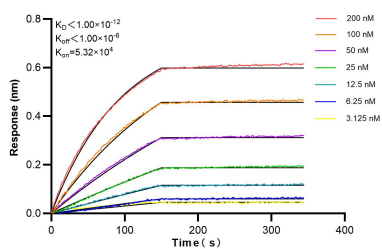
1x10⁶ CHO cells or IL-24 transfected CHO cells were intracellularly stained with 0.25 ug Anti-Human IL-24 Rabbit RecAb (98735-3-RR, Clone: 251947A2) and CoraLite647-conjugated F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were fixed and permeabilized with Intracellular Flow Cytometry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



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).



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