

IL24 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21241a

Specification

IL24 Antibody - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q13007
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	23825

IL24 Antibody - Additional Information

Gene ID 11009

Other Names

Interleukin-24, IL-24, Melanoma differentiation-associated gene 7 protein, MDA-7, Suppression of tumorigenicity 16 protein, IL24, MDA7, ST16

Target/Specificity

This IL24 antibody is generated from a rabbit immunized with a recombinant protein.

Dilution

WB~~1:2000
IHC-P~~1:25
FC~~1:25

Format

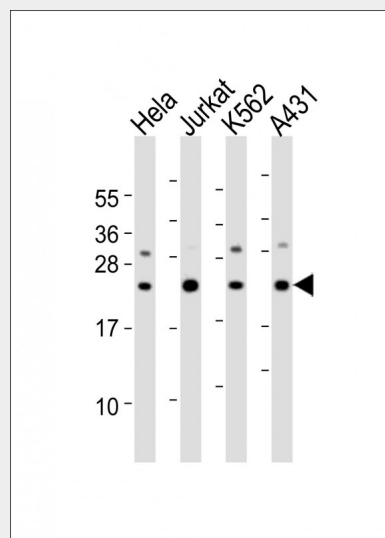
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

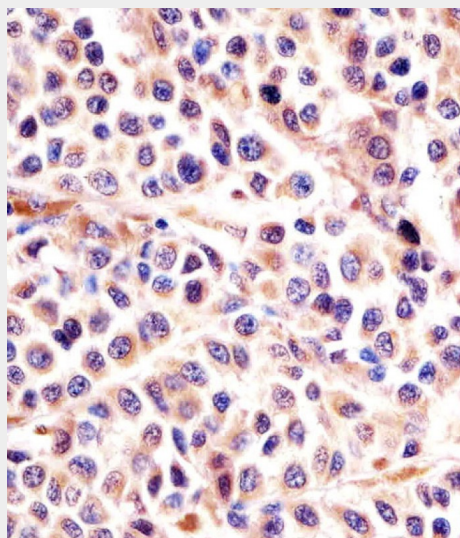
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL24 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.



All lanes : Anti-IL24 Antibody at 1:2000
Lane 1: HeLa whole cell lysates Lane 2: Jurkat whole cell lysates Lane 3: K562 whole cell lysates Lane 4: A431 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



AP21241a staining IL24 in human melanoma sections by Immunohistochemistry (IHC-P -

IL24 Antibody - Protein Information

Name IL24

Synonyms MDA7, ST16

Function

Has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation.

Cellular Location

Secreted.

Tissue Location

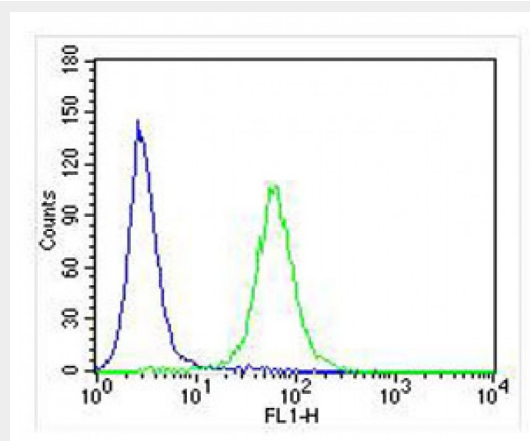
Up-regulated in melanoma cells induced to terminally differentiate

IL24 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing U-2 OS cells stained with AP21241a (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP21241a, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was performed.

IL24 Antibody - Background

Has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation.

IL24 Antibody - References

Jiang H.,et al.Oncogene 11:2477-2486(1995).
Peat J.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
Huang E.Y.,et al.Oncogene 20:7051-7063(2001).

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123:583-588(2004).
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