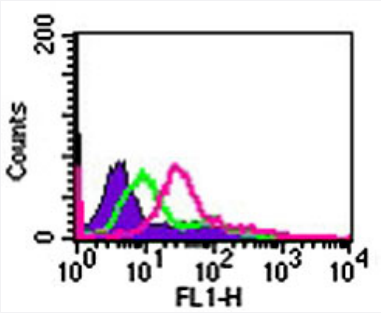
IL24 polyclonal antibody

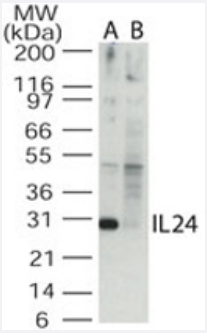
Catalog # PAB0345 Size 100 ug

Applications



Flow Cytometry

Cell-surface flow cytometry analysis of IL24 in Jurkat cells. Using IL24 polyclonal antibody (Cat # PAB0345) at 5 ug/10^6 cells. The shaded histogram represents cells only, Green represents isotype control, and purple represents anti-IL24 antibody.



Western Blot (Cell lysate)

Western blot analysis of IL24 in the A) absence and B) presence of blocking peptide in Jurkat cell lysate. Using IL24 polyclonal antibody (Cat # PAB0345) at 0.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IL24.
Immunogen	A synthetic peptide corresponding to amino acids 100-150 of human IL24.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.05% sodium azide, 0.2% gelatin

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Cell-surface flow cytometry analysis of IL24 in Jurkat cells. Using IL24 polyclonal antibody (Cat # PAB0345) at 5 ug/10^6 cells. The shaded histogram represents cells only, Green represents isotype control, and purple represents anti-IL24 antibody.

- Western Blot (Cell lysate)

  Western blot analysis of IL24 in the A) absence and B) presence of blocking peptide in Jurkat cell lysate. Using IL24 polyclonal antibody (Cat # PAB0345) at 0.5 ug/mL .

Gene Info — IL24

Entrez GeneID	11009
Protein Accession#	NP_006841
Gene Name	IL24
Gene Alias	C49A, FISP, IL-24, IL10B, MDA7, Mob-5, ST16, mda-7
Gene Description	interleukin 24
Omim ID	604136
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce ap optosis selectively in various cancer cells. Overexpression of this gene leads to elevated expressi on of several GADD family genes, which correlates with the induction of apoptosis. The phosphor ylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (H SPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been report ed. [provided by RefSeq
Other Designations	IL-24 splice variant delE3|IL-24 splice variant delE5|OTTHUMP00000034620|melanoma different iation association protein 7|suppression of tumorigenicity 16 (melanoma differentiation)

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Asthma
- Bronchiolitis
- Chronic Disease
- Depressive Disorder
- Genetic Predisposition to Disease
- Hepatitis C
- Infant
- Periodontitis
- Psoriasis
- Respiratory Syncytial Virus Infections

Copyright © 2023 Abnova Corporation. All Rights Reserved.