



## IL-24 Antibody

CATALOG NUMBER: 48-496

### Specifications

<b>SPECIES REACTIVITY:</b>	Gorilla, Human, Monkey
<b>TESTED APPLICATIONS:</b>	FACS, IHC, WB
<b>APPLICATIONS:</b>	IL-24 antibody can be used in ELISA starting at 1:2500 - 1:10000, Western Blot starting at 1:250 - 1:1000, immunohistochemistry starting at 5 ug/mL, immunocytochemistry, and immunofluorescence starting at 1:100 - 1:500.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>IMMUNOGEN:</b>	IL - 24 antibody was raised against a portion of amino acids 100 - 150 of IL - 24 (Human).
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Protein G Column
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	PBS, 0.2% gelatin, 0.05% sodium azide.
<b>STORAGE CONDITIONS:</b>	Store IL-24 antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>ISOTYPE:</b>	IgG
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	IL24, FISP, IL10B, IL-24, IL-4-induced secreted protein, Interleukin 24, Interleukin-24, Melanocyte-associated Mda-7, Mob-5, ST16, Mda-7, MDA7, MOB5, C49A
<b>ACCESSION NO.:</b>	Q13007
<b>PROTEIN GI NO.:</b>	2497340
<b>OFFICIAL SYMBOL:</b>	IL24
<b>GENE ID:</b>	11009

### Background

<b>BACKGROUND:</b>	Interleukin 24 (IL-24)/melanoma differentiation-associated gene-7 (mda-7) encodes a secreted protein that exhibits significant homology to the interleukin 10 (IL-10) family of cytokines. The human IL-24 is secreted by activated peripheral blood mononuclear cells and binds two heterodimeric receptors, IL-22R1/IL-20R2 and IL-20R1/IL-20R2 resulting in the activation of JAK/STAT signaling pathways. Mda-7/IL-24, selectively induces growth suppression, apoptosis and radiosensitization in malignant gliomas in a p53-independent manner.
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**FOR RESEARCH USE ONLY**