

IL24 rabbit monoclonal antibody

Catalog # H00011009-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human IL24 peptide using ARM Technology.
Immunogen	A synthetic peptide of human IL24 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human IL24 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — IL24

Entrez GeneID	11009
GeneBank Accession#	IL24
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 apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/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 reported. [provided by RefSeq]
Other Designations	IL-24 splice variant delE3 IL-24 splice variant delE5 OTTHUMP00000034620 melanoma differentiation association protein 7 suppression of tumorigenicity 16 (melanoma differentiation)

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](#)