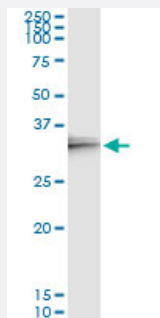


IL24 monoclonal antibody (M01), clone 4B6

Catalog # H00011009-M01

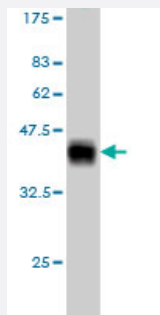
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of IL24 transfected lysate using anti-IL24 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IL24 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant IL24.
Immunogen	IL24 (AAH09681, 58 a.a. ~ 167 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GPCQVKGVVPQKLWEAFWAVKDTMQAQDNITSARLLQQEVLQNVSDAESCYLEVHTLLEFYLKTVFKNYHNRTVEVRTLKSFSTLANNFVLIVSQLQPSQENEMFSIRDSEA
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (66); Rat (63)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of IL24 transfected lysate using anti-IL24 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with IL24 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — IL24

Entrez GeneID	11009
GeneBank Accession#	BC009681
Protein Accession#	AAH09681
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](#)