

MDA-7 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05294
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL24. AA range:131-180
Mol wt	23825
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	MDA-7 Antibody
Synonyms	IL24; MDA7; ST16; Interleukin-24; IL-24; Melanoma differentiation-associated gene 7 protein; MDA-7; Suppression of tumorigenicity 16 protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

IL24 encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. Interleukin-24 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.

Recommended Dilution

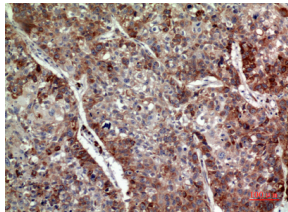
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

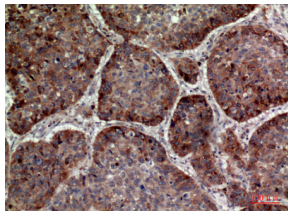
ELISA: 1: 20000

Not yet tested in other applications.

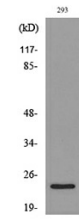
Images



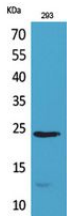
Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Western blot analysis of lysate from 293 cells, using IL24 Antibody.



Western Blot analysis of 293 cells using MDA-7 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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