



MDA-7 Polyclonal Antibody

Catalog No	YP-Ab-16031
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	IL24
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL24. AA range:131-180
Specificity	MDA-7 Polyclonal Antibody detects endogenous levels of MDA-7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C49A;FISP;MDA7;MOB5;ST16;IL10B;IL24;MDA-7;Interleukin-24;IL-24; Melanoma differentiation-associated gene 7 protein;Suppression of tumorigenicity 16 protein
Observed Band	24kD
Calculated Molecular Weight	24kD
Cell Pathway	Secreted .
Tissue Specificity	Up-regulated in melanoma cells induced to terminally differentiate.
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:Has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation.,online information:Interleukin-24 entry,similarity:Belongs to the IL-10 family.,tissue specificity:Up-regulated in melanoma cells induced to terminally differentiate.,
Background	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, Jul 2008],

matters needing attention

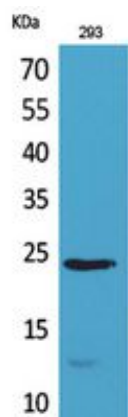
Avoid repeated freezing and thawing!

Usage suggestions

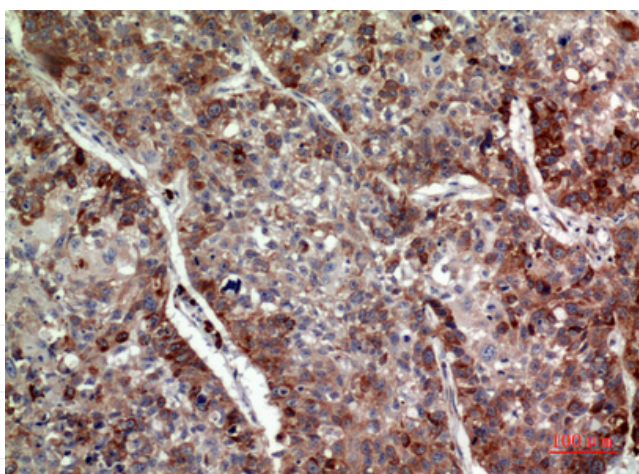
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



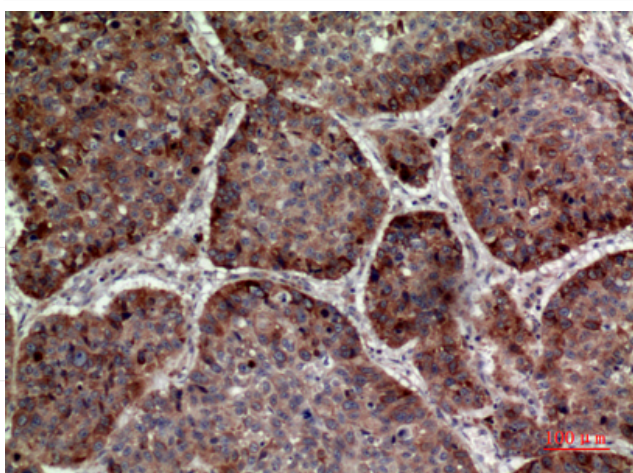
Products Images



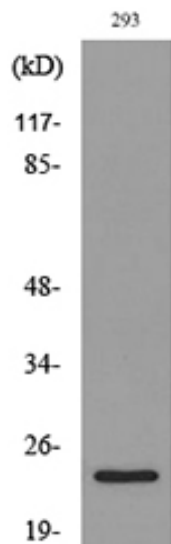
Western Blot analysis of 293 cells using MDA-7 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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.