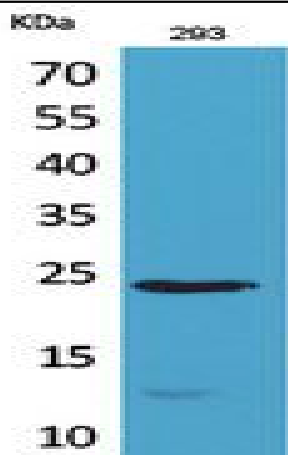


MDA-7 Polyclonal Antibody

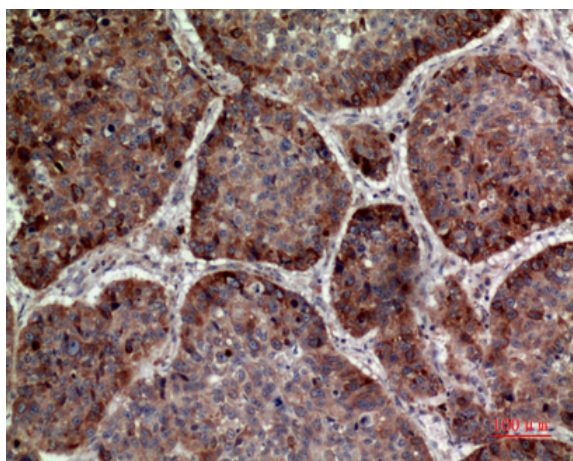
| | |
|------------------------------|---|
| Catalog No : | YT5411 |
| Reactivity : | Human;Rat;Mouse; |
| Applications : | WB;IHC;IF;ELISA |
| Target : | MDA-7 |
| Fields : | >>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>JAK-STAT signaling pathway |
| Gene Name : | IL24 |
| Protein Name : | Interleukin-24 |
| Human Gene Id : | 11009 |
| Human Swiss Prot No : | Q13007 |
| Mouse Gene Id : | 93672 |
| Mouse Swiss Prot No : | Q925S4 |
| Rat Gene Id : | 170819 |
| Rat Swiss Prot No : | Q9JI24 |
| 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 |
| Dilution : | WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200 |

| | |
|-------------------------------|--|
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 24kD |
| Cell Pathway : | Cytokine-cytokine receptor interaction;Jak_STAT; |
| 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], |
| 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., |
| Subcellular Location : | Secreted . |
| Expression : | Up-regulated in melanoma cells induced to terminally differentiate. |

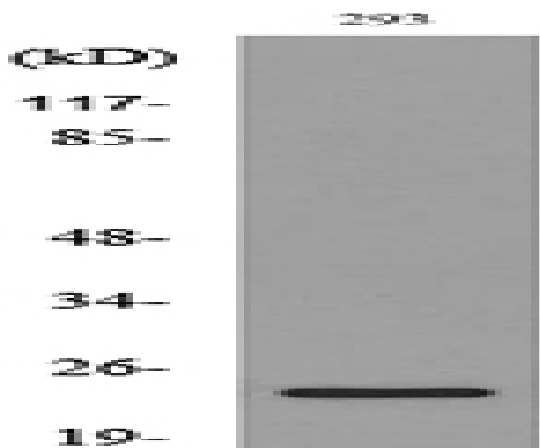
Products Images



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



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