

WIF-1 Monoclonal Antibody

| | |
|------------------------------|---|
| Catalog No : | YM0648 |
| Reactivity : | Human |
| Applications : | WB;IHC;IF;ELISA |
| Target : | WIF-1 |
| Fields : | >>Wnt signaling pathway |
| Gene Name : | WIF1 |
| Protein Name : | Wnt inhibitory factor 1 |
| Human Gene Id : | 11197 |
| Human Swiss Prot No : | Q9Y5W5 |
| Mouse Swiss Prot No : | Q9WUA1 |
| Immunogen : | Purified recombinant fragment of human WIF-1 expressed in E. Coli. |
| Specificity : | WIF-1 Monoclonal Antibody detects endogenous levels of WIF-1 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Monoclonal, Mouse |
| Dilution : | WB 1:500 - 1:2000. IHC 1:200 - 1:1000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications. |
| Purification : | Affinity purification |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 42kD |

Cell Pathway : WNT;WNT-T CELL

P References : 1. BMC Cancer. 2009 Jul 1;9:217.
2. Cancer Res. 2009 Nov 15;69(22):8603-10.

Background : The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers. [provided by RefSeq, Jun 2010],

Function : function: Binds to WNT proteins and inhibits their activities. May be involved in mesoderm segmentation., similarity: Contains 1 WIF domain., similarity: Contains 5 EGF-like domains.,

Subcellular Location : Secreted.

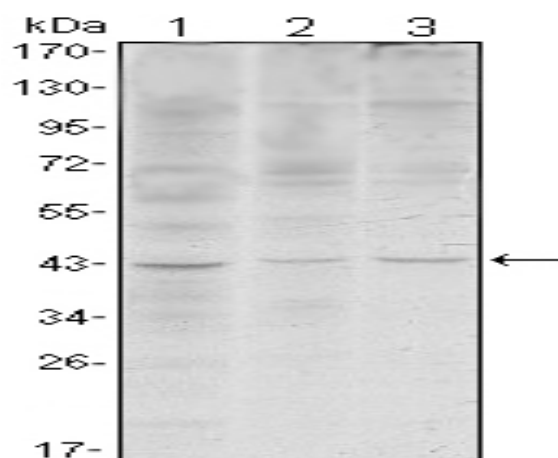
Expression : Brain,

Tag : orthogonal

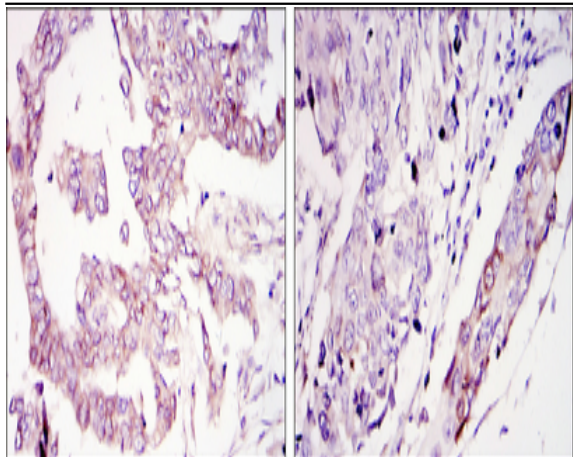
Sort : 24289

No4 : 1

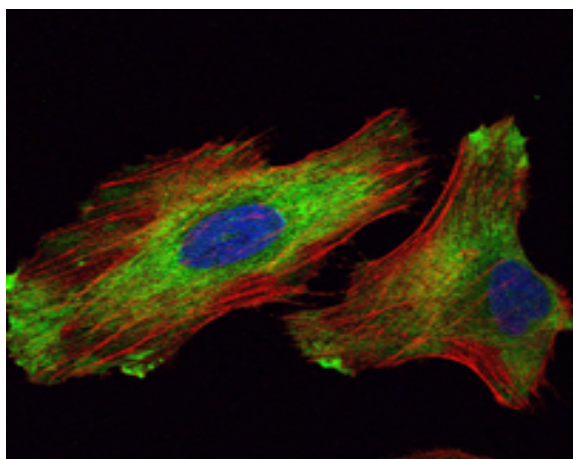
Products Images



Western Blot analysis using WIF-1 Monoclonal Antibody against HeLa (1), NIH/3T3 (2) and NTERA-2 (3) cell lysate.



Immunohistochemistry analysis of paraffin-embedded ovary tumour tissues (left) and lung cancer (right) with DAB staining using WIF-1 Monoclonal Antibody.



Immunofluorescence analysis of HeLa cells using WIF-1 Monoclonal Antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.