Immunoway
Best Tools for immunology Research

# WIF-1 Monoclonal Antibody

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| **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 |

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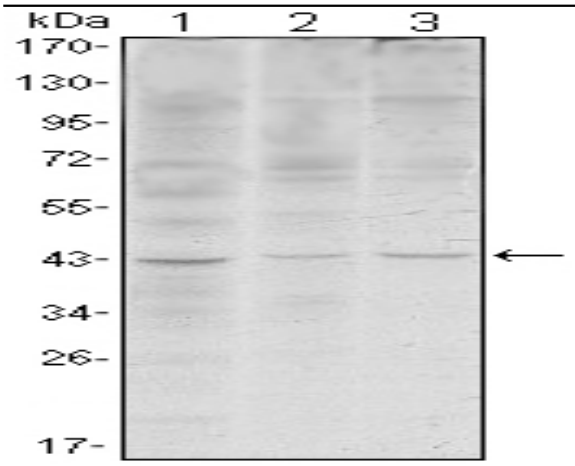
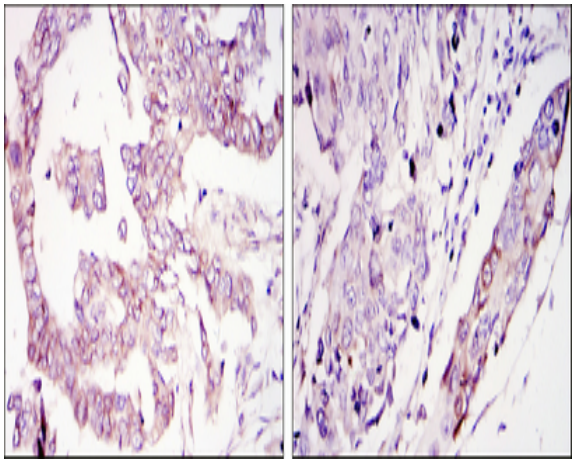
| **Cell Pathway :** | WNT;WNT-T CELL |
| **P References :** | 1. BMC Cancer. 2009 Jul 1;9:217.<br>2. Cancer Res. 2009 Nov 15;69(22):8603-10. |
| **Background :** | The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic 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 |
| **Host :** | Mouse |
| **Modifications :** | Unmodified |

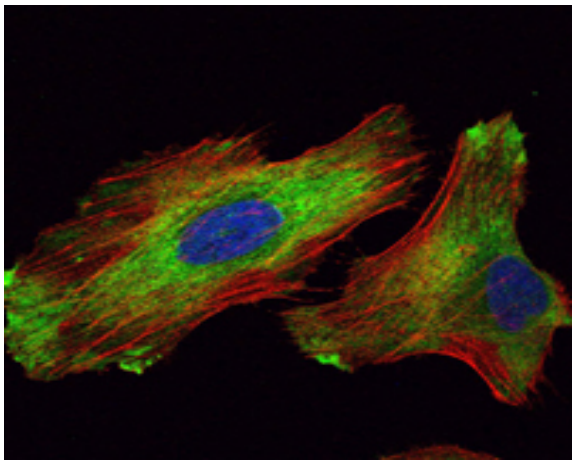
## Products Images




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.