

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.

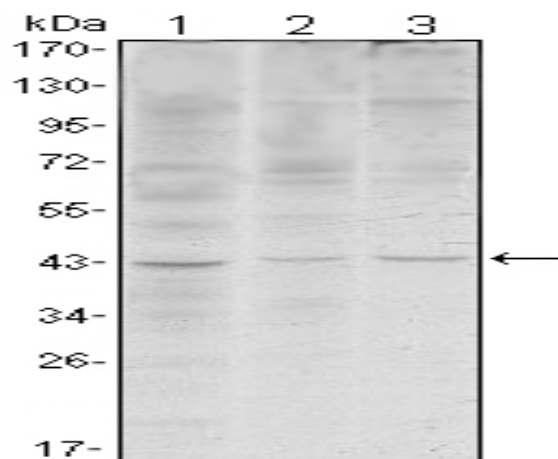
Background : The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be 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.,

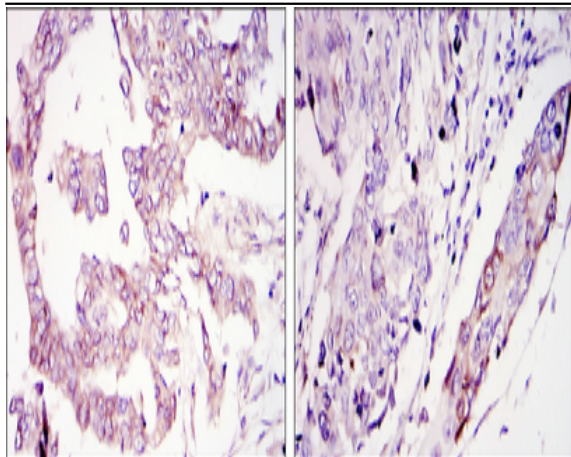
Subcellular Location : Secreted.

Expression : Brain,

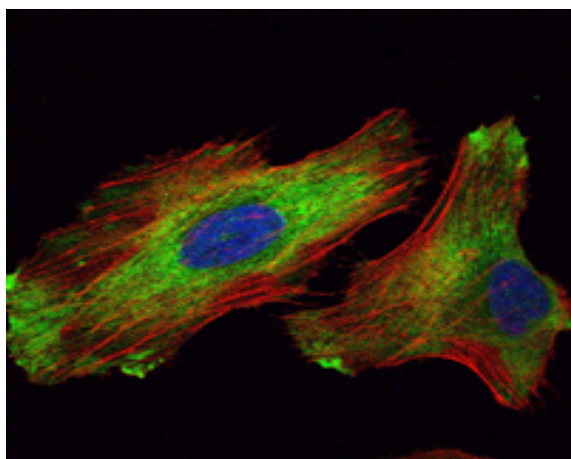
Products Images



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.