
Product Name: WIF1 Mouse Monoclonal Antibody**Catalog #: AMM80899**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	42kDa

Antigen Information

Gene Name	WIF1
Alternative Names	WIF-1; WIF
Gene ID	11197.0
SwissProt ID	Q9Y5W5
Immunogen	Purified recombinant fragment of human WIF1 expressed in E. Coli.

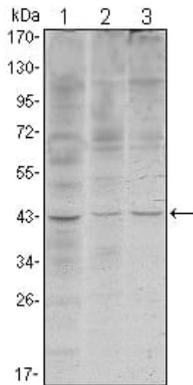
Background

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

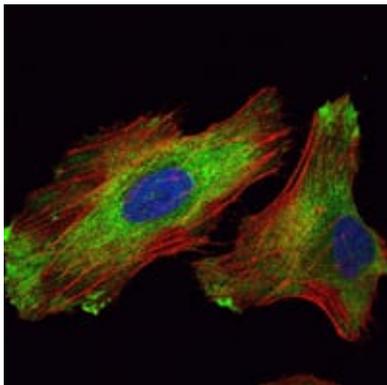
has been found to be epigenetically silenced in various cancers.

Research Area

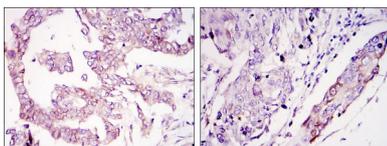
Image Data



Western blot analysis using WIF1 mouse mAb against HeLa (1), NIH/3T3 (2) and NTERA-2 (3) cell lysate.



Immunofluorescence analysis of HeLa cells using WIF1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemical analysis of paraffin-embedded human ovary tumour tissues (left) and lung cancer (right) using WIF1 mouse mAb with DAB staining.