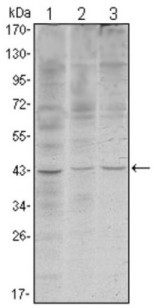
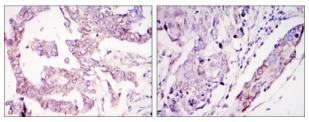
Wnt Inhibitory Factor 1 (WIF1) Antibody

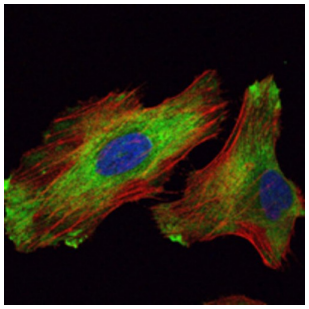
Catalogue No.:abx011728



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



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



Immunofluorescence analysis of Hela cells using WIF1 antibody (green). Red: Actin filaments have been labeled with AF555 phalloidin.

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.

Target:	Wnt Inhibitory Factor 1 (WIF1)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

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Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human WIF1 expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9Y5W5 (UniProt, ExPASy)
Gene Symbol:	WIF1
GeneID:	11197
OMIM:	605186
HGNC:	18081
Ensembl:	ENSG00000156076
String:	9606.ENSP00000286574
Molecular Weight:	42 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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