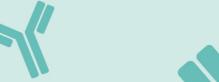
# antibodies .- online.com







# anti-WIF1 antibody

**Images** 

**Publications** 



#### Overview

Quantity:	100 μL
Target:	WIF1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	Purified recombinant fragment of human WIF1 expressed in E. coli.
Clone:	1G5
Isotype:	lgG1
Purification:	purified

## **Target Details**

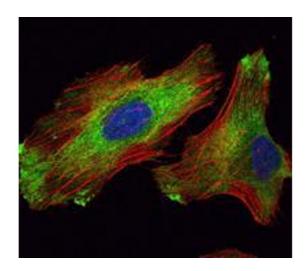
Target:	WIF1
Alternative Name:	WIF1 (WIF1 Products)
Background:	Description: The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein
	contains a WNT inhibitory factor (WIF) domain and five 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 Details**

Larget Details	
	Aliases: WIF-1, WIF
Molecular Weight:	42 kDa
Gene ID:	11197
HGNC:	11197
Pathways:	WNT Signaling, Positive Regulation of fat Cell Differentiation
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	
Product cited in:	Toka, Dunaway, Smaltz, Szulc-Dąbrowska, Drnevich, Mielcarska, Bossowska-Nowicka,
	Schweizer: "Bacterial and viral pathogen-associated molecular patterns induce divergent early
	transcriptomic landscapes in a bovine macrophage cell line." in: <b>BMC genomics</b> , Vol. 20, Issue
	1, pp. 15, (2019) (PubMed).
	Murakami, Maeda, Yonezawa, Matsuki: "CC chemokine ligand 2 and CXC chemokine ligand 8 as
	neutrophil chemoattractant factors in canine idiopathic polyarthritis." in: Veterinary

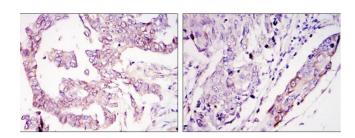
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn | International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com | Page 2/3 | Product datasheet for ABIN969457 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

immunology and immunopathology, Vol. 182, pp. 52-58, (2016) (PubMed).



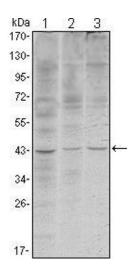
#### **Immunofluorescence**

**Image 1.** Immunofluorescence analysis of Hela cells using WIF1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



#### **Immunohistochemistry**

**Image 2.** Immunohistochemical analysis of paraffinembedded ovary tumour tissues (left) and lung cancer (right) using WIF1 mouse mAb with DAB staining.



# **Western Blotting**

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