

Product datasheet

anti-Vimentin (N-terminus) guinea pig polyclonal, serum

Short overview

Cat. No.	GP59
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic N-terminus of human vimentin (aa 2-17)
Formulation	Contains 0.09% sodium azide
UniprotID	P08670 (Human), P20152 (Mouse)
Synonym	Vimentin, VIM
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Stabilized antiserum
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC, WB
Reactivity	Human, Mouse

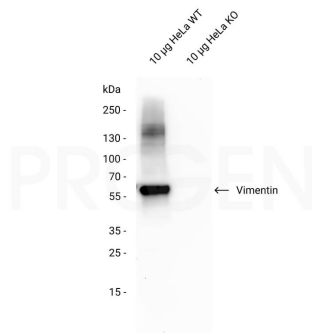
Applications

Immunohistochemistry (IHC) - frozen	1:100
Immunohistochemistry (IHC) - paraffin	1:50 (microwave treatment recommended)
Western Blot (WB)	1:1,000-1:3,000

Background

Specific detection of vimentin (Mr 57,000 polypeptide) in cells and tissues of mesenchymal origin (e.g. fibroblasts, endothelial cells, smooth muscle cells). Tumors specifically detected: Sarcoma (including myosarcoma), lymphoma, melanoma

Product images



Western blot analysis of HeLa lysate with anti-Vimentin antibody. Western blot analysis was performed on 10 µg wild type (WT) and 10 µg Vimentin knockout (KO) HeLa lysate. The PVDF membrane was blocked with 5% milk in PBST (PBS + 0.1% Tween 20) for 1 h at RT. The primary antibody anti-Vimentin (N-terminus) guinea pig polyclonal (Cat. No. GP59) was diluted in blocking buffer (1:1,000) and incubated for 1 h at RT. The secondary antibody anti-guinea pig, HRP conjugate was also diluted in blocking buffer (antibody concentration 0.2 µg/ml) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using Pierce™ ECL Western Blotting Substrate.

References

Publication	Species	Application
Kanda, M. et al. Leukemia Inhibitory Factor Enhances Endogenous Cardiomyocyte Regeneration after Myocardial Infarction. PLoS One 11, (2016).	mouse	IHC (frozen)