

Wnt5a Rabbit mAb

Catalog No: #59447

Package Size: #59447-1 50ul #59447-2 100ul

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Description

Product Name	Wnt5a Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	Wnt5a Antibody detects endogenous levels of total Wnt5a
Immunogen Description	A synthesized peptide derived from human Wnt5a
Other Names	hWNT5A; Protein Wnt5a; Wingless type MMTV integration site family member 5A; WNT 5A protein; WNT 5A protein precursor; WNT5A;
Accession No.	Uniprot:P41221
Calculated MW	Predicted band size: 42 kDa
SDS-PAGE MW	Observed band size: 45 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

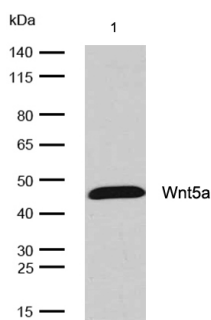
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Wnt5a Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates
Lysates/proteins at 20 µg per lane.

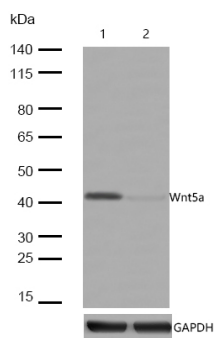
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 42 kDa

Observed band size: 45 kDa

Exposure time: 3 seconds

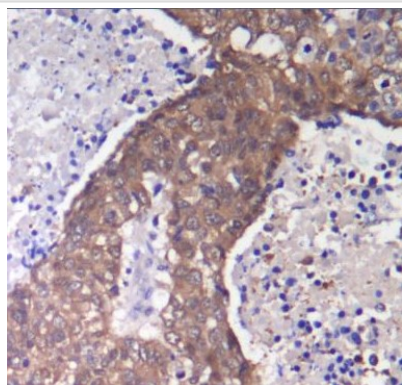


All lanes: Wnt5a Rabbit mAb at 1/1k dilution

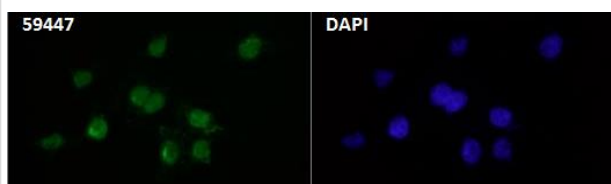
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : Wnt5a Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung cancer tissue stained for Wnt5a using 59447 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Wnt5a antibody (59447) ICC/IF staining of Wnt5a in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59447 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Ligand for members of the frizzled family of seven transmembrane receptors. Can activate or inhibit canonical Wnt signaling, depending on receptor context. In the presence of FZD4, activates beta-catenin signaling. In the presence of ROR2, inhibits the canonical Wnt pathway by promoting beta-catenin degradation through a GSK3-independent pathway which involves down-regulation of beta-catenin-induced reporter gene expression.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.