

Wnt2b Rabbit mAb

Catalog No: #49802



Package Size: #49802-1 50ul #49802-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

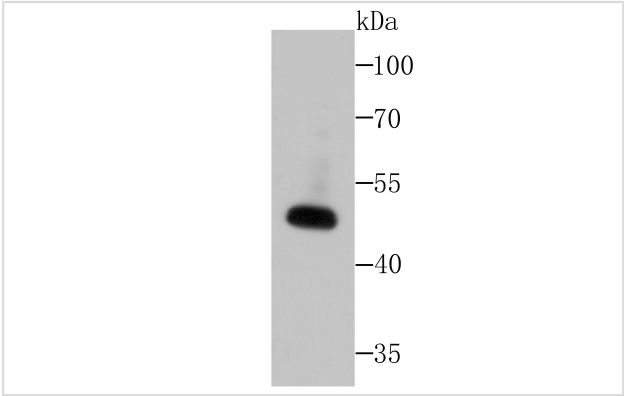
Description

Product Name	Wnt2b Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB48-34
Purification	ProA affinity purified
Applications	WB,IHC,ICC,IF,FC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant protein
Conjugates	Unconjugated
Other Names	Protein Wnt-13 antibody Protein Wnt-2b antibody Wingless type MMTV integration site family, member 13 antibody Wingless type MMTV integration site family, member 2B antibody WNT13 antibody Wnt2b antibody WNT2B_HUMAN antibody XWNT2 antibody XWNT2, Xenopus, homolog of antibody
Accession No.	Swiss-Prot#:Q93097
Calculated MW	44 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

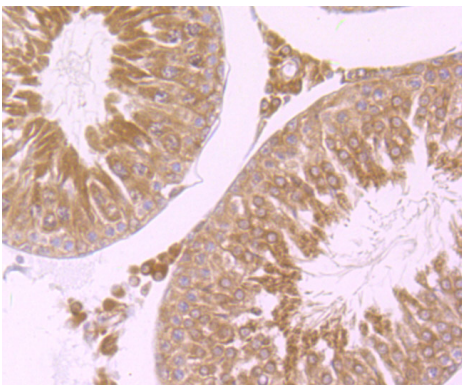
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 ICC: 1:100-1:500 FC: 1:50-1:100

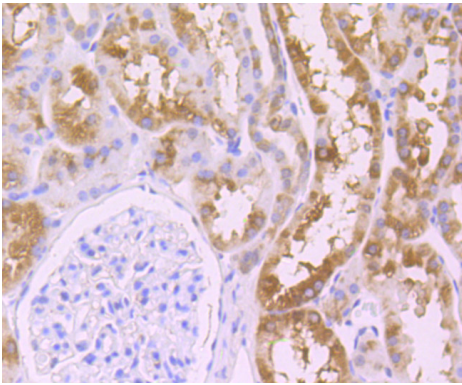
Images



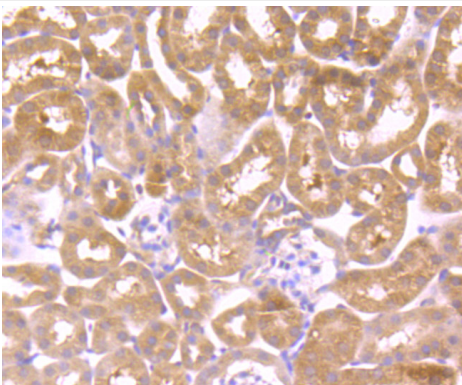
Western blot analysis of Wnt2b on SiHa cell lysates using anti-Wnt2b at 1/500 dilution.



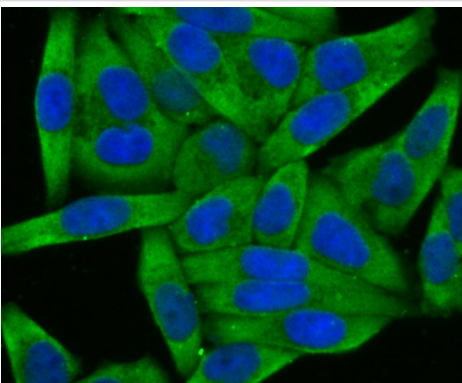
Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-Wnt2b antibody. Counter stained with hematoxylin.



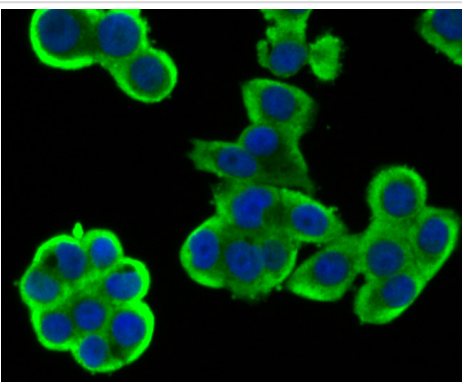
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Wnt2b antibody. Counter stained with hematoxylin.



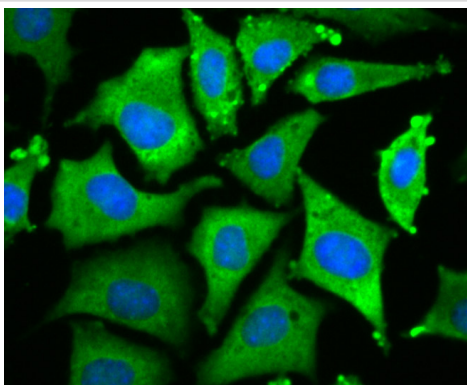
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Wnt2b antibody. Counter stained with hematoxylin.



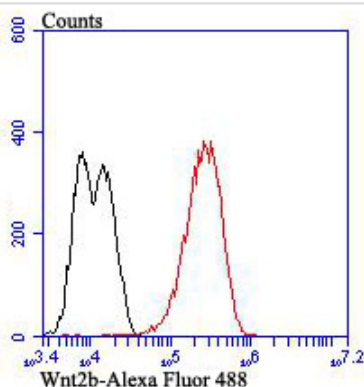
ICC staining Wnt2b in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Wnt2b in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Wnt2b in SHSY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of LOVO cells with Wnt2b antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as carcinogenesis. Alternative splicing results in multiple transcript variants. Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt/beta-catenin signaling pathway. Plays a redundant role in embryonic lung development.

References

1. Katoh M. et al. Cloning, expression and chromosomal localization of Wnt-13, a novel member of the Wnt gene family. *Oncogene* 13:873-876(1996).
2. Katoh M. et al. Alternative splicing of the WNT-2B/WNT-13 gene. *Biochem. Biophys. Res. Commun.* 275:209-216(2000).

Published Papers

el at., Modeling human ectopic pregnancies with trophoblast and vascular organoidsIn *Cell Rep* On2023 Jun 27byXiaoya Zhao , Zhenwu Zhang et al..PMID:37224015, , (2023)

[PMID:37224015](#)

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