

For Research Use Only

# WNT10B Monoclonal antibody

Catalog Number: 67210-1-Ig

Featured Product

4 Publications



## Basic Information

Catalog Number:

67210-1-Ig

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17114

GenBank Accession Number:

BC096353

GeneID (NCBI):

7480

UNIPROT ID:

O00744

Full Name:

wingless-type MMTV integration site family, member 10B

Calculated MW:

389 aa, 43 kDa

Observed MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

1G11E4

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

IF/ICC 1:150-1:600

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

Human, mouse

Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

**WB** : NCCIT cells, MCF-7 cells, NCI-H1299 cells, human heart tissue, pig heart tissue, rat heart tissue, mouse heart tissue

**IHC** : mouse liver tissue, mouse skeletal muscle tissue, human heart tissue, mouse heart tissue

**IF/ICC** : HeLa cells,

## Background Information

Wnt10b is a member of the Wnt ligand gene family that encodes for secreted proteins, which activate the ancient and highly conserved Wnt signalling cascade. This antibody can be detected a band of 43 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaomei Li	35413424	Pharmacol Res	WB,IF
Wei-Liang Chen	39094883	Int J Biol Macromol	WB
Chunlin Tao	39006077	J Cancer	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

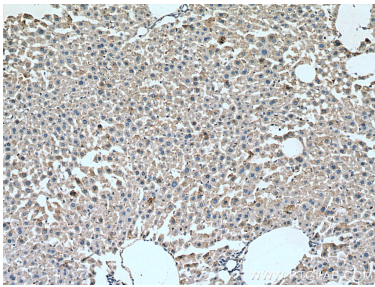
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

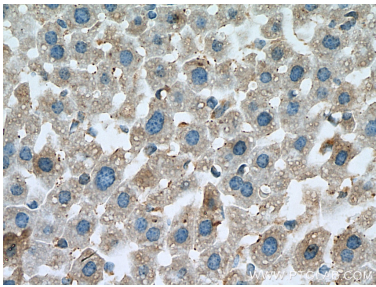
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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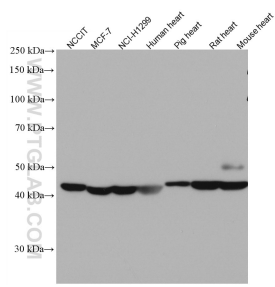
Selected Validation Data



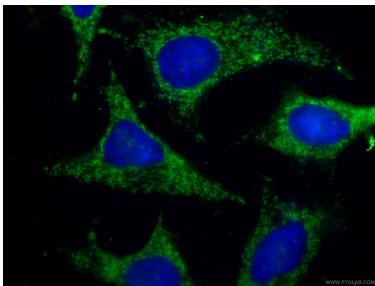
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 67210-1-Ig (WNT10B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 67210-1-Ig (WNT10B antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67210-1-Ig (WNT10B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 67210-1-Ig (WNT10B antibody), at dilution of 1:300 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).