

For Research Use Only

# WNT10B Monoclonal antibody

Catalog Number: 67210-1-Ig

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 67210-1-Ig	<b>GenBank Accession Number:</b> BC096353	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7480	<b>CloneNo.:</b> 1G11E4
<b>Source:</b> Mouse	<b>Full Name:</b> wingless-type MMTV integration site family, member 10B	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:150-1:600
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 389 aa, 43 kDa	
<b>Immunogen Catalog Number:</b> AG17114	<b>Observed MW:</b> 43 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

IF, WB

### 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:** 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

## 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

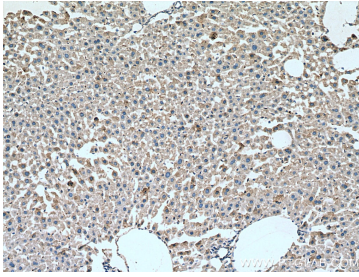
For technical support and original validation data for this product please contact:

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

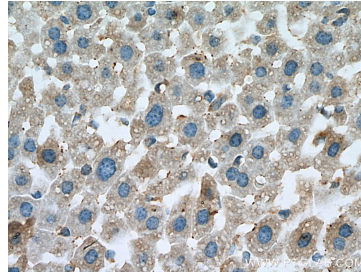
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

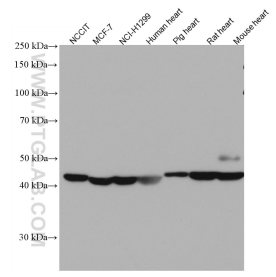
## Selected Validation Data



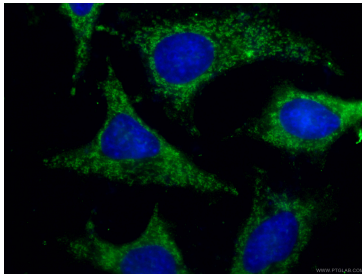
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 67210-1-Ig (WNT10B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure Goat Anti-Mouse IgG(H+L).