

For Research Use Only

# LACTB2 Monoclonal antibody

Catalog Number: 67399-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 67399-1-Ig	<b>GenBank Accession Number:</b> BC000878	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 2000 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51110	<b>CloneNo.:</b> 1G6B1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q53H82	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:300-1:1200 IF-P 1:200-1:800 IF/ICC 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Full Name:</b> lactamase, beta 2	
<b>Immunogen Catalog Number:</b> AG10231	<b>Calculated MW:</b> 288 aa, 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, IF-P, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> A549 cells, NIH/3T3 cells, HeLa cells, HEK-293 cells, Jurkat cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human liver cancer tissue,
	<b>IF-P :</b> human liver cancer tissue, mouse liver tissue
	<b>IF/ICC :</b> A549 cells,

## Storage

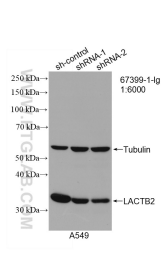
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

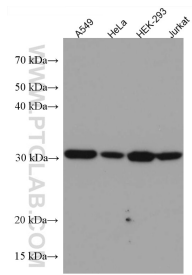
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

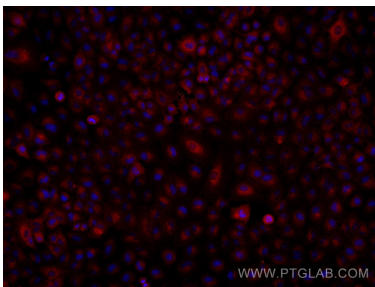
Selected Validation Data



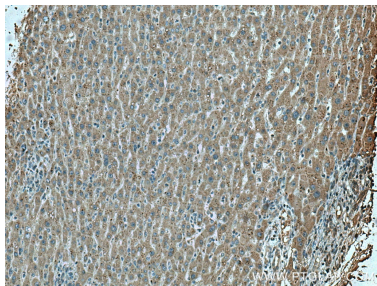
WB result of LACTB2 antibody (67399-1-Ig; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LACTB2 transfected A549 cells.



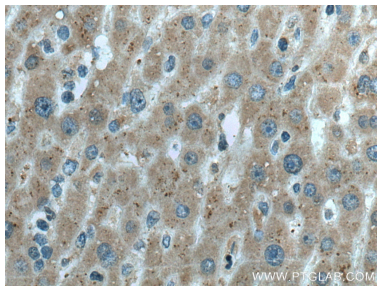
Various lysates were subjected to SDS PAGE followed by western blot with 67399-1-Ig (LACTB2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



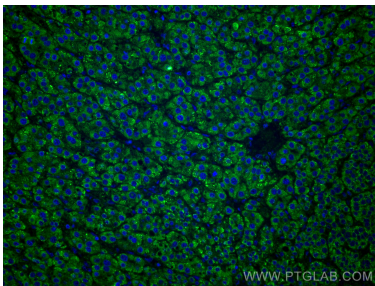
Immunofluorescent analysis of (4% PFA) fixed A549 cells using LACTB2 antibody (67399-1-Ig, Clone: 1G6B1 ) at dilution of 1:2000 and Multi-Ab Coralite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



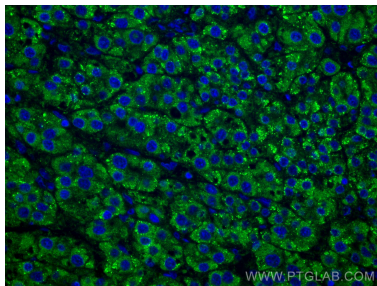
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67399-1-Ig (LACTB2 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



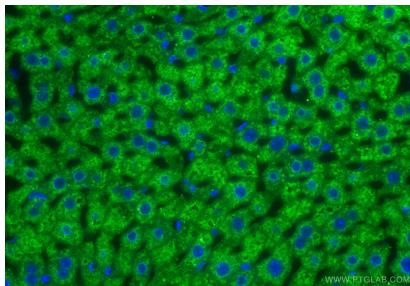
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67399-1-Ig (LACTB2 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using LACTB2 antibody (67399-1-Ig, Clone: 1G6B1 ) at dilution of 1:400 and Coralite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using LACTB2 antibody (67399-1-Ig, Clone: 1G6B1 ) at dilution of 1:400 and Coralite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse liver tissue using LACTB2 antibody (67399-1-Ig, Clone: 1G6B1 ) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).