

# RHOQ/TC10 Monoclonal antibody

Catalog Number: 67213-1-Ig

## Basic Information

<b>Catalog Number:</b> 67213-1-Ig	<b>GenBank Accession Number:</b> BC070485	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23433	<b>CloneNo.:</b> 3B9C7
<b>Source:</b> Mouse	<b>Full Name:</b> ras homolog gene family, member Q	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:8000-1:32000
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 205 aa, 23 kDa	
<b>Immunogen Catalog Number:</b> AG12078	<b>Observed MW:</b> 20-23 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse, rat, pig	<b>WB :</b> HEK-293 cells, mouse brain tissue, rat brain tissue, pig brain tissue, fetal human brain tissue, Jurkat cells, A549 cells
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> mouse liver tissue, human colon cancer tissue

## Background Information

### Storage

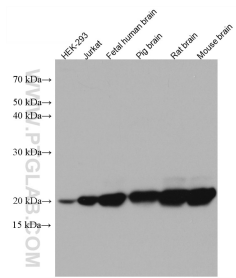
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

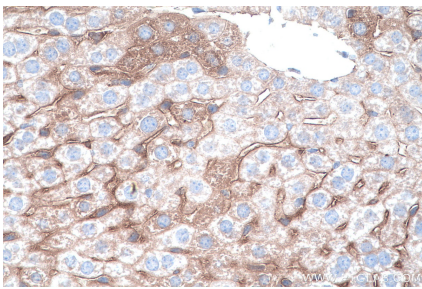
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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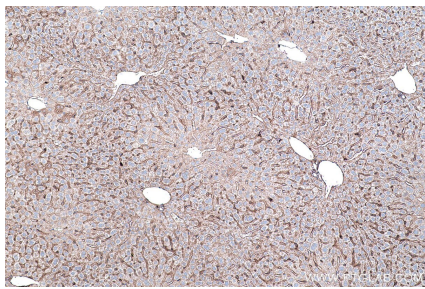
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 67213-1-Ig (RHOQ/TC10 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 67213-1-Ig (RHOQ/TC10 antibody) at dilution of 1:16000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 67213-1-Ig (RHOQ/TC10 antibody) at dilution of 1:16000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).