

For Research Use Only



# TMEM74 Monoclonal antibody, PBS Only

Catalog Number: 67773-1-PBS

## Basic Information

<b>Catalog Number:</b> 67773-1-PBS	<b>GenBank Accession Number:</b> BC030710	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 157753	<b>CloneNo.:</b> 2H1B7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96NL1	
<b>Isotype:</b> IgG1	<b>Full Name:</b> transmembrane protein 74	
<b>Immunogen Catalog Number:</b> AG22359	<b>Calculated MW:</b> 305 aa, 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human

## Background Information

Transmembrane protein 74 (TMEM74), plays an essential role in autophagy during cell starvation and other stress conditions. TMEM74 is localized to the lysosome and autophagosome. It has been reported that TMEM74-induced autophagy may be associated with PI3K signal transduction. (PMID: 19029833, 18294959)

## Storage

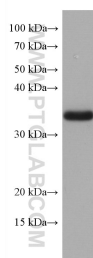
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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)

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

## Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 67773-1-Ig (TMEM74 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67773-1-PBS in a different storage buffer formulation.