

For Research Use Only

TMEM74 Monoclonal antibody

Catalog Number: 67773-1-Ig



Basic Information

Catalog Number: 67773-1-Ig	GenBank Accession Number: BC030710	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 157753	CloneNo.: 2H1B7
Source: Mouse	Full Name: transmembrane protein 74	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Calculated MW: 305 aa, 33 kDa	
Immunogen Catalog Number: AG22359	Observed MW: 33 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, L02 cells, HEK-293 cells
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

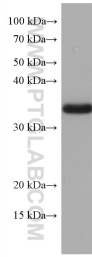
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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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.