

For Research Use Only

# TMEM74 Monoclonal antibody

Catalog Number: 67773-1-Ig



## Basic Information

Catalog Number:

67773-1-Ig

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG22359

GenBank Accession Number:

BC030710

GeneID (NCBI):

157753

UNIPROT ID:

Q96NL1

Full Name:

transmembrane protein 74

Calculated MW:

305 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

Protein G purification

CloneNo.:

2H1B7

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : LNCaP cells, L02 cells, HEK-293 cells

## 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

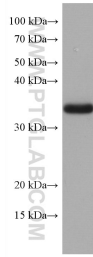
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## Selected Validation Data



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.