

For Research Use Only

ESYT2 Monoclonal antibody

Catalog Number: 68374-1-Ig

Featured Product

1 Publications



Basic Information

Catalog Number:

68374-1-Ig

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG20440

GenBank Accession Number:

BC013957

GeneID (NCBI):

57488

UNIPROT ID:

A0FGR8

Full Name:

family with sequence similarity 62
(C2 domain containing) member B

Calculated MW:

921 aa, 102 kDa

Observed MW:

90-100 kDa

Purification Method:

Protein G purification

CloneNo.:

1B12G2

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells, A549 cells, U2OS cells, LNCaP cells,
HEK-293 cells, Jurkat cells, K-562 cells, HL-60 cells

IF/ICC : MCF-7 cells,

Background Information

ESYT2, also named FAM62B, is one of the three-member family of Extended Synaptotagmins that were recently shown to be implicated in the formation of endoplasmic reticulum (ER)-plasma membrane (PM) junctions and in the Ca(2+) dependent regulation of these junctions.

Notable Publications

Author	Pubmed ID	Journal	Application
Zizhen Xu	40437229	Nat Cell Biol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

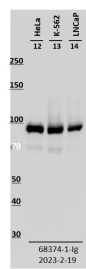
T: 4006900926

E: Proteintech-CN@ptglab.com

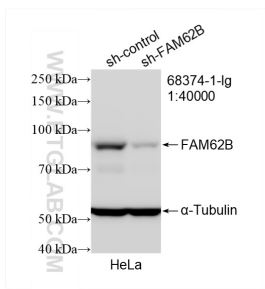
W: ptgcn.com

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

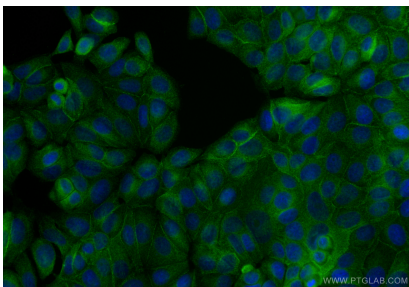
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68374-1-Ig (ESYT2 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



WB result of FAM62B antibody (68374-1-Ig; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAM62B transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using ESYT2 antibody (68374-1-Ig, Clone: 1B12G2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).