

For Research Use Only

# ESYT2 Monoclonal antibody, PBS Only

Catalog Number: 68374-1-PBS

Featured Product



## Basic Information

Catalog Number:

68374-1-PBS

Concentration:

1mg/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

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

## 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.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

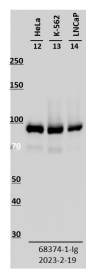
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

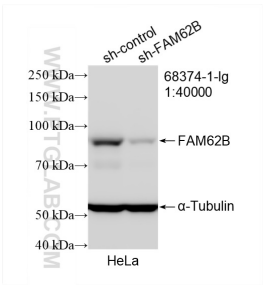
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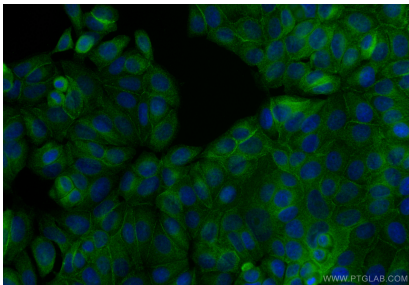
## Selected Validation Data



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. This data was developed using the same antibody clone with 68374-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 68374-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68374-1-PBS in a different storage buffer formulation.