

For Research Use Only

# ESYT2 Monoclonal antibody

Catalog Number: 68374-1-Ig

Featured Product



## Basic Information

Catalog Number:

68374-1-Ig

Size:

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

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

Species Specificity:

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<sup>2+</sup> dependent regulation of these junctions.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

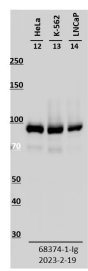
For technical support and original validation data for this product please contact:

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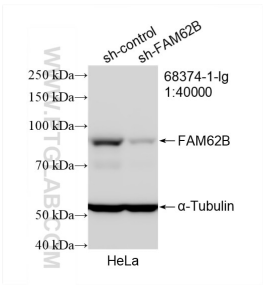
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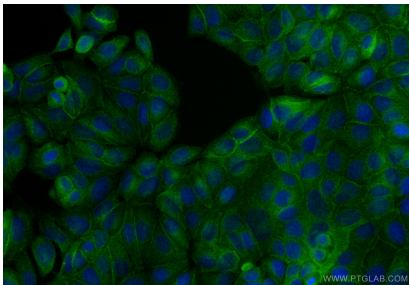
Selected Validation Data



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.



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).