

For Research Use Only

# ESYT2 Monoclonal antibody

Catalog Number: 68374-1-Ig **Featured Product**



## Basic Information

**Catalog Number:**

68374-1-Ig

**Size:**

1000 µg/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

## Applications

**Tested Applications:**

WB, 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

## 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 -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

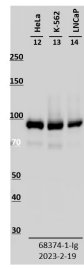
T: 4006900926

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

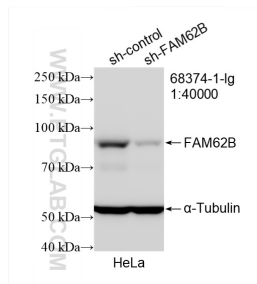
W: [ptgcn.com](http://ptgcn.com)

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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.



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.