

For Research Use Only

# MYOF Recombinant antibody

Catalog Number: 82917-2-RR



## Basic Information

### Catalog Number:

82917-2-RR

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_133337

### GeneID (NCBI):

26509

### UNIPROT ID:

Q9NZM1

### Full Name:

myoferlin

### Calculated MW:

235 kDa

### Observed MW:

230-240 kDa

### Purification Method:

Protein A purification

### CloneNo.:

230213E10

### Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

### Species Specificity:

human

### Positive Controls:

WB : HeLa cells, A549 cells, U-251 cells

IF/ICC : HepG2 cells,

## Background Information

MYOF, also named FER1L3 and KIAA1207, belongs to the Ferlin family. MYOF is a calcium/phospholipid-binding protein that plays a role in the plasmalemma repair mechanism of endothelial cells that permits rapid resealing of membranes disrupted by mechanical stress. It is involved in endocytic recycling. MYOF is implicated in VEGF signal transduction by regulating the levels of the receptor KDR.

## 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

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

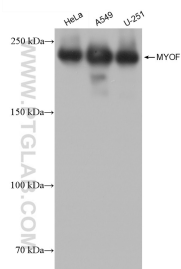
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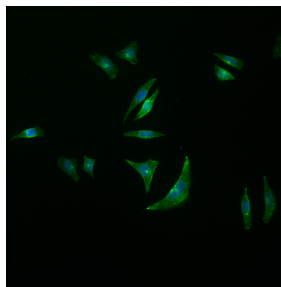
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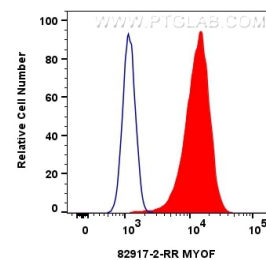
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82917-2-RR (Myoferlin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MYOF antibody (82917-2-RR, Clone: 230213E10 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 ug MYOF Recombinant antibody (82917-2-RR, Clone:230213E10) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).