

MYOF Recombinant antibody

Catalog Number: 82917-2-RR

Basic Information

Catalog Number:

82917-2-RR

Size:

1000 µg/ml

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:

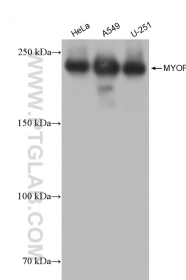
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

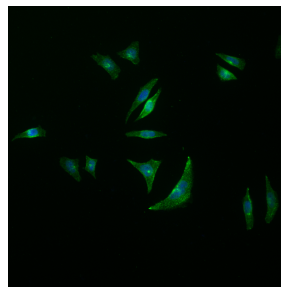
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

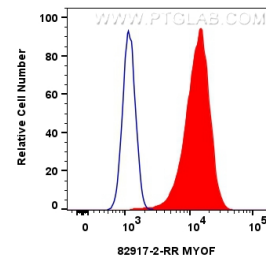
Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug MYOF Recombinant antibody (82917-2-RR, Clone:230213E10) and CoraLite®488-Conjugated AffiniPure 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).