

Product Name: WDFY3 Mouse Monoclonal Antibody**Catalog #: AMM82307**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	395kDa

Antigen Information

Gene Name	WDFY3
Alternative Names	ALFY; BCHS; MCPH18; ZFYVE25
Gene ID	23001.0
SwissProt ID	Q8IZQ1
Immunogen	Purified recombinant fragment of human WDFY3 (AA: 3277-3526) expressed in E. Coli.

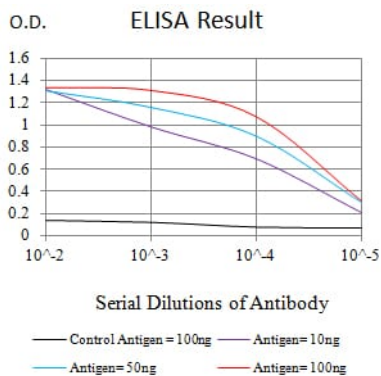
Background

This gene encodes a phosphatidylinositol 3-phosphate-binding protein that functions as a master conductor for aggregate clearance by autophagy. This protein shuttles from the nuclear membrane to colocalize with aggregated proteins, where it complexes with other autophagic components to achieve macroautophagy-mediated clearance of these aggregated proteins.

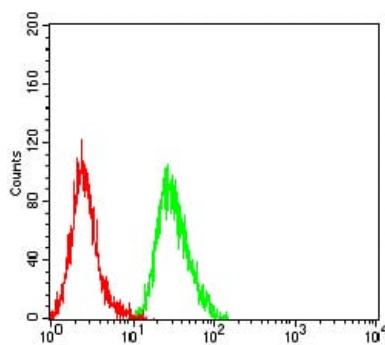
However, it is not necessary for starvation-induced macroautophagy.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Hela cells using WDFY3 mouse mAb (green) and negative control (red).