
Product Name: ULK2 Mouse Monoclonal Antibody**Catalog #: AMM81619**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Mouse,Rat
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	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	112.7kDa

Antigen Information

Gene Name	ULK2
Alternative Names	ATG1B; Unc51.2
Gene ID	9706.0
SwissProt ID	Q8IYT8
Immunogen	Purified recombinant fragment of human ULK2 (AA: 1-155) expressed in E. Coli.

Background

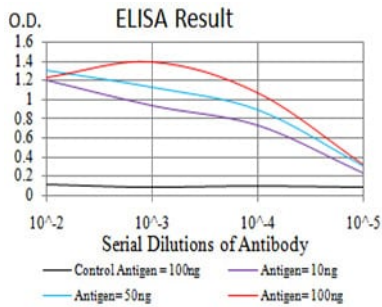
This gene encodes a protein that is similar to a serine/threonine kinase in *C. elegans* which is involved in axonal elongation. The structure of this protein is similar to the *C. elegans* protein in that both proteins have an N-terminal kinase domain, a central proline/serine rich (PS) domain, and a C-terminal (C) domain. The gene is located within the Smith-Magenis syndrome region

on chromosome 17. Alternatively spliced transcript variants encoding the same protein have been identified.

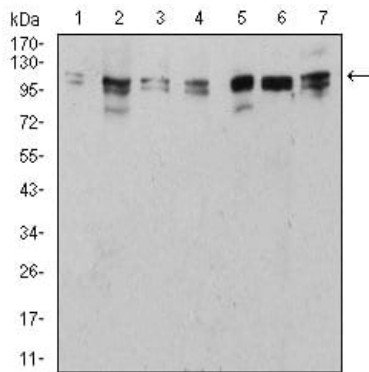
Research Area

Autophagy

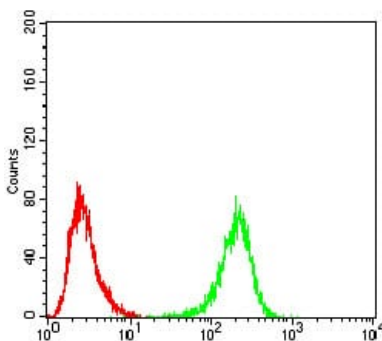
Image Data



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



Western blot analysis using ULK2 mouse mAb against NIH/3T3 (1), HepG2 (2), SK-Hep-1 (3), SK-OV-3 (4), C6 (5), PC-12 (6), and MCF-7 (7) cell lysate.



Flow cytometric analysis of HeLa cells using ULK2 mouse mAb (green) and negative control (red).