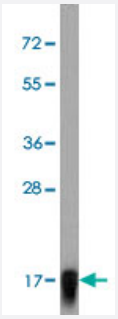
ATG16L1 monoclonal antibody, clone 54CT27.2.6

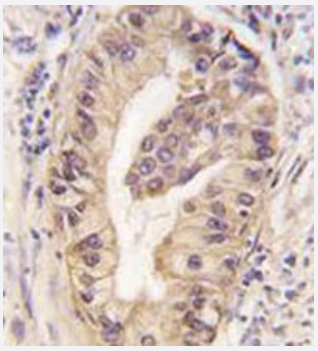
Catalog # MAB12282 Size 400 uL

Applications



Western Blot (Recombinant protein)

Western blot analysis of ATG16L1 recombinant protein reacted with ATG16L1 monoclonal antibody (Cat # MAB12282) at 1:2000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with ATG16L1 monoclonal antibody (Cat # MAB12282) at 1:10-1:50 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against human ATG16L1.
Immunogen	Recombinant His fusion protein corresponding to human ATG16L1.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa

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Recommend Usage	Immunohistochemistry (1:10-1:50) Western Blot (1:60) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

  Western blot analysis of ATG16L1 recombinant protein reacted with ATG16L1 monoclonal antibody (Cat # MAB12282) at 1:2000 dilution.

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Gene Info — ATG16L1

Entrez GeneID	55054
Gene Name	ATG16L1
Gene Alias	APG16L, ATG16L, FLJ00045, FLJ10035, FLJ10828, FLJ22677, IBD10, WDR30
Gene Description	ATG16 autophagy related 16-like 1 (S. cerevisiae)
Omim ID	610767 611081
Gene Ontology	Hyperlink
Gene Summary	Autophagy is the major intracellular degradation system delivering cytoplasmic components to lys osomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytopl asmic constituents, including organelles, are sequestered into double-membraned autophagoso mes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein compl ex essential for autophagy (Mizushima et al., 2003 [PubMed 12665549]).[supplied by OMIM
Other Designations	APG16 autophagy 16-like|APG16L beta|ATG16 autophagy related 16-like protein 1|WD repeat d omain 30

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Disease

- Celiac Disease
- Cholangitis
- Colitis
- Crohn Disease
- Disease Progression
- Disease Susceptibility
- Genetic Predisposition to Disease
- Granuloma
- Growth Disorders
- Huntington Disease
- Ileitis
- Inflammatory Bowel Diseases
- Liver Cirrhosis
- Rectal Fistula

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