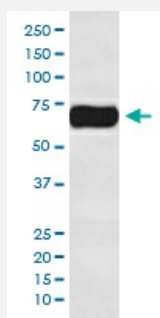


# ATG16L1 monoclonal antibody, clone ABIE-1

Catalog # MAB19588      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with ATG16L1 monoclonal antibody.

## Specification

|                            |                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit monoclonal antibody raised against synthetic peptide of human ATG16L1.                                                                                                         |
| <b>Immunogen</b>           | A synthetic peptide corresponding to human ATG16L1.                                                                                                                                   |
| <b>Host</b>                | Rabbit                                                                                                                                                                                |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                     |
| <b>Form</b>                | Liquid                                                                                                                                                                                |
| <b>Purification</b>        | Affinity purification                                                                                                                                                                 |
| <b>Isotype</b>             | IgG                                                                                                                                                                                   |
| <b>Recommend Usage</b>     | Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user.                                                |
| <b>Storage Buffer</b>      | In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                      |
| <b>Storage Instruction</b> | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with ATG16L1 monoclonal antibody.

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

## Gene Info — ATG16L1

**Entrez GeneID** [55054](#)

**Protein Accession#** [Q676U5](#)

**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 lysosomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytoplasmic constituents, including organelles, are sequestered into double-membraned autophagosomes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein complex 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 domain 30

## 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](#)