

## Anti-ATG10 Rabbit Monoclonal Antibody

### Introduction

E2-like enzyme involved in autophagy. Acts as an E2-like enzyme that catalyzes the conjugation of ATG12 to ATG5. ATG12 conjugation to ATG5 is required for autophagy. Likely serves as an ATG5-recognition molecule. Not involved in ATG12 conjugation to ATG3 (By similarity). Plays a role in adenovirus-mediated cell lysis.

### Product parameters

|                    |                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------|
| Alternative Names  | autophagy related 10; APG10; APG10L; pp12616                                            |
| Gene ID            | 83734                                                                                   |
| Gene Name          | ATG10                                                                                   |
| SwissProt ID       | Q9H0Y0                                                                                  |
| Host               | Rabbit                                                                                  |
| Reactivity         | Human                                                                                   |
| Molecular Weight   | Calculated MW: 25 kDa; Observed MW: 25 kDa                                              |
| Conjugation        | Unconjugated                                                                            |
| Ex                 | -                                                                                       |
| Em                 | -                                                                                       |
| Modification       | Unmodified                                                                              |
| Clonality          | IgG                                                                                     |
| Isotype            | Monoclonal Antibody                                                                     |
| Clonality No.      | AP-16B7C11                                                                              |
| Form               | Liquid                                                                                  |
| Concentration      | See label                                                                               |
| Carrier            | Carrier Not Free                                                                        |
| Immunogen          | A synthetic peptide of human ATG10                                                      |
| Purification       | Affinity Purified                                                                       |
| Buffer System      | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. |
| Application        | WB, IP                                                                                  |
| Dilution Ratio     | WB: 1/500-1/1000 IP: 1/20                                                               |
| Research Field     | Cell Biology                                                                            |
| Product Categories | Primary antibody                                                                        |
| Shipping           | Blue ice                                                                                |

|                 |                                  |
|-----------------|----------------------------------|
| Storage         | -20°C                            |
| Expiration Date | 12 months                        |
| Note            | Please avoid freeze-thaw cycles. |

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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