

## Anti-ATG10 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

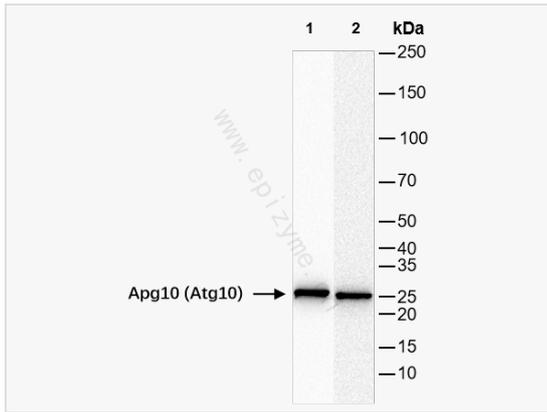
Catalog # R013995

### Product Information

|             |   |
|-------------|---|
| Application | WB, ELISA   |
| Reactivity  | Human   |
| Dilution    | WB 1:1,000~1:2,000  |
| Host        | Rabbit  |
| Clonality   | Monoclonal  |
| Clone No.   | 50G85N51  |
| Isotype     | IgG   |
| Label       | Unconjugated  |
| Immunogen   | A synthesized peptide derived from human Apg10 (Atg10)  |
| Format      | Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.                     |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-ATG10 Rabbit mAb [50G85N51] is for research use only and not for use in diagnostic or therapeutic procedures.          |

### Protein Information

|                   |  |
|-------------------|--|
| Synonyms          | Apg 10, APG 10L, APG10, APG10 autophagy 10 like, APG10 like, APG10, S. cerevisiae, homolog of, APG10-like, APG10L, ATG 10, ATG10, ATG10 autophagy related 10 homolog (S. cerevisiae), ATG10 autophagy related 10 homolog, ATG10_HUMAN, autophagy 10, S. cerevisiae, homolog of, Autophagy related protein 10, Autophagy-related protein 10, DKFZP586I0418, FLJ13954, pp12616, Ubiquitin-like-conjugating enzyme ATG10. |
| Calculated MW     | Calculated MW: 25 kDa; Observed MW: 25 kDa   |
| Uniprot ID        | Q9H0Y0   |
| Gene ID           | 83734  |
| Background        | 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.  |
| Cellular Location | Cytoplasm.   |



Western Blot - Anti-ATG10 Rabbit mAb [50G85N51]

All lanes: R013995 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 25 kDa

Observed band size: 25 kDa

Developed using the ECL technique (Cat. No. SQ201).