

bs-4007R-A488

• Rabbit Anti-ATG16A/ATG16L1 Polyclonal Antibody, Alexa Fluor 488 conjugated

Conjugated Primary Antibodies

Background:

The protein encoded by this gene is part of a large protein complex that is necessary for autophagy, the major process by which intracellular components are targeted to lysosomes for degradation. Defects in this gene are a cause of susceptibility to inflammatory bowel disease type 10 (IBD10). Several transcript variants encoding different isoforms have been found for this gene.

Purification: Was purified by Protein A and peptide affinity chromatography.

Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

Reconstitution:

If the antibody is in liquid form, it is ready to use, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Reconstitution instruction: Two additional vials are included in shipment for reconstitution purposes (double distilled H₂O and sterile glycerol). Centrifuge all vials to ensure necessary quantities have settled. Add 50uL of sterile double distilled water to antibody. Mix thoroughly by gently pipetting up and down. Then, add 50uL of sterile glycerol to antibody. Mix well and keep cold.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

Application:

- IF(1:100-500)
- Not yet tested in other applications.
Optimal working dilutions must be determined by the end user.

Cross-reactivities: Human, Mouse, Rat,

Molecular Weight: 67kDa

Isotype: IgG

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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