

Recombinant ATG5 Monoclonal Antibody

catalog number: **AN300864L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

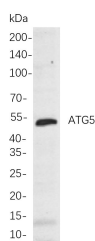
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ATG5 protein
Host	Rabbit
Isotype	IgG, κ
Clone	B811
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

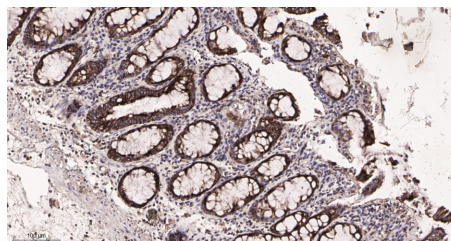
Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:2000-1:10000

Data



Western Blot with Recombinant ATG5 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: U-87 MG cells.

Observed-MW:55 kDa
Calculated-MW:33 kDa



Immunohistochemistry of paraffin-embedded human colon tissue using Recombinant ATG5 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene.

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