

## ATG5 Antibody

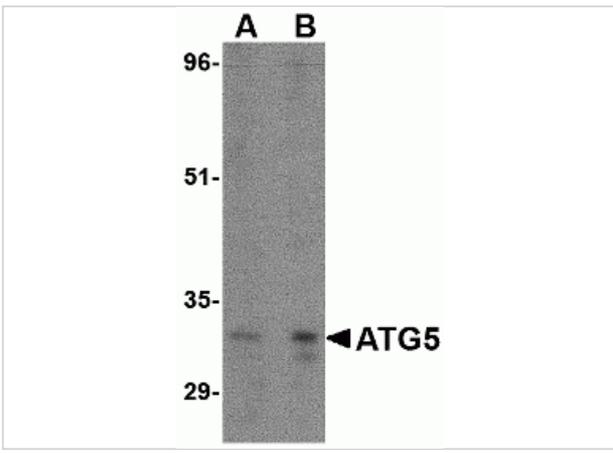
CATALOG NUMBER: 4441

### Specifications

<b>Host Species</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Homology</b>	Predicted species reactivity based on immunogen sequence: Bovine: (94%), Pig: (94%)
<b>Immunogen</b>	ATG5 antibody was raised against a 16 amino acid synthetic peptide from near the amino terminus of human ATG5. The immunogen is located within the first 50 amino acids of ATG5.
<b>Conjugate</b>	Unconjugated
<b>Tested Applications</b>	ELISA, IF, IHC-P, WB
<b>User Note</b>	Optimal dilutions for each application to be determined by the researcher.
<b>Specificity</b>	Three isoforms of ATG5 are known to exist; this ATG5 antibody will only detect the longest isoform.

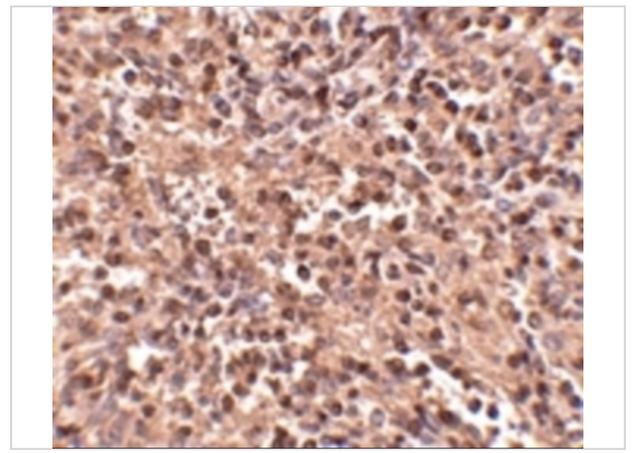
### Properties

<b>Purification</b>	ATG5 Antibody is affinity chromatography purified via peptide column.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Physical State</b>	Liquid
<b>Buffer</b>	ATG5 Antibody is supplied in PBS containing 0.02% sodium azide.
<b>Concentration</b>	1 mg/mL
<b>Storage Conditions</b>	ATG5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



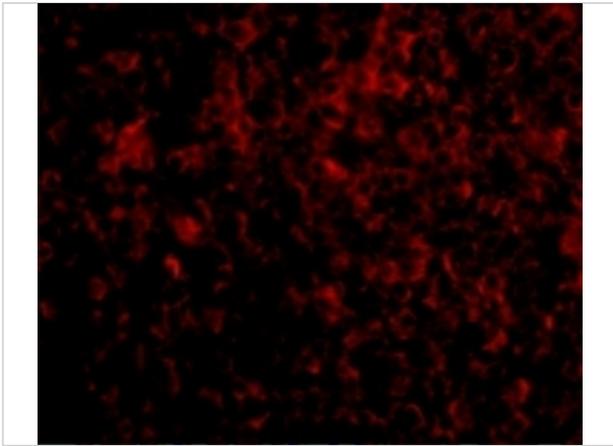
### ATG5 Antibody 1

Western blot analysis of ATG5 in rat spleen tissue lysate with ATG5 antibody at (A) 1 and (B) 2 µg/mL.



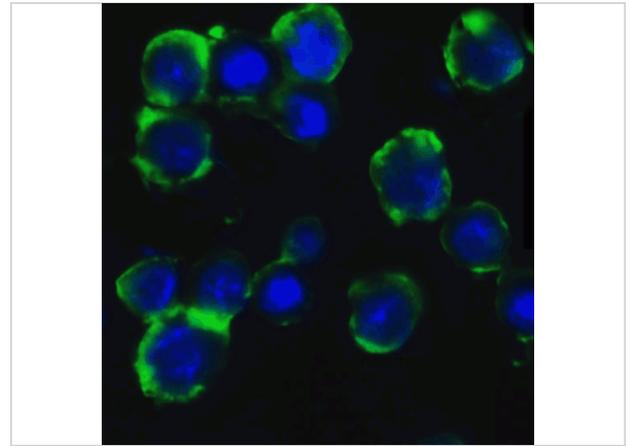
### ATG5 Antibody 2

Immunohistochemistry of ATG5 in human spleen tissue with ATG5 antibody at 2.5 µg/mL.



### ATG5 Antibody 3

Immunofluorescence of ATG5 in Human Spleen cells with ATG5 antibody at 20 µg/mL.



### ATG5 Antibody 4

Immunofluorescence of ATG5 in HeLa cells with ATG5 Antibody at 5 µg/mL.

## Disclaimer

#### Disclaimer

Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

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