

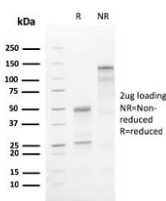
## Recombinant ATG5 Antibody [clone AGT5/3220R] (V8239)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V8239-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8239-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V8239SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Availability       | 1-3 business days                                                  |
| Species Reactivity | Human                                                              |
| Format             | Purified                                                           |
| Clonality          | Recombinant Rabbit Monoclonal                                      |
| Isotype            | Rabbit IgG                                                         |
| Clone Name         | AGT5/3220R                                                         |
| Purity             | Protein A affinity chromatography                                  |
| UniProt            | Q9H1Y0                                                             |
| Localization       | Cytoplasmic                                                        |
| Applications       | ELISA : order Ab without BSA for coating                           |
| Limitations        | This recombinant ATG5 antibody is available for research use only. |



SDS-PAGE analysis of purified, BSA-free recombinant ATG5 antibody (clone AGT5/3220R) as confirmation of integrity and purity.

## Description

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. The ATG5 protein is essential for autophagy; a process that is usually beneficial for cells to self-degrade their own components when they are no longer useful.

## **Application Notes**

Optimal dilution of the recombinant ATG5 antibody should be determined by the researcher.

## **Immunogen**

A portion of amino acids 1-119 from the human protein was used as the immunogen for the recombinant ATG5 antibody.

## **Storage**

Store the recombinant ATG5 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).