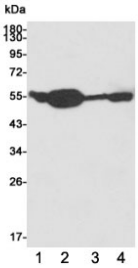
# ATG5 Antibody [clone 8F1-2C11-D9] (F54059)

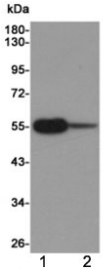
| Catalog No. | Formulation | Size |
|---|---|---|
| F54059-0.1ML | In PBS with 50% glycerol and 0.03% ProClin 300 | 0.1 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Rat |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1 |
| **Clone Name** | 8F1-2C11-D9 |
| **Purity** | Protein G affinity |
| **UniProt** | Q9H1Y0 |
| **Applications** | Western blot: 1:1000 |
| **Limitations** | This ATG5 antibody is available for research use only. |




Western blot testing of 1) huma HCT116, 2) rat brain, 3) human K562 and 4) rat C6 cell lysates using ATG5 antibody at 1:1000. Predicted molecular weight ATG5: ~32 kDa; ATG5/ATG12 heterodimer: ~56 kDa.




Western blot testing of 1) rat brain and 2) human C2C12 cell lysates using ATG5 antibody at 1:1000. Predicted molecular weight ATG5: ~32 kDa; ATG5/ATG12 heterodimer: ~56 kDa.

## Description

Required for autophagy. Conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. The conjugate detaches from the membrane immediately before or after autophagosome formation is completed. May play

## Application Notes

The stated application concentrations are suggested starting points. Titration of the ATG5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A synthetic protein specific to ATG5 was used as the immunogen for the ATG5 antibody.

## Storage

Store the ATG5 antibody at -20oC.


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