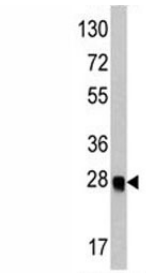
# ATG12 Antibody [clone 43CT73.3.5.5.4] (F40210)

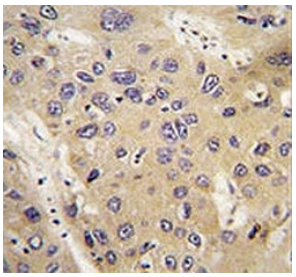
| Catalog No. | Formulation | Size |
|---|---|---|
| F40210-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F40210-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

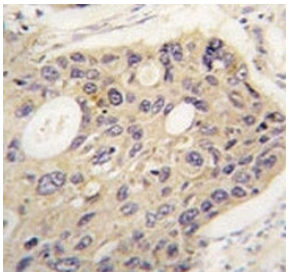
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2b, k |
| **Clone Name** | 43CT73.3.5.5.4 |
| **Purity** | Purified |
| **UniProt** | O94817 |
| **Applications** | Western blot: 1:200-1:2000<br>IHC (Paraffin): 1:50-1:200<br>Immunofluorescence: 1:10-1:50 |
| **Limitations** | This ATG12 antibody is available for research use only. |



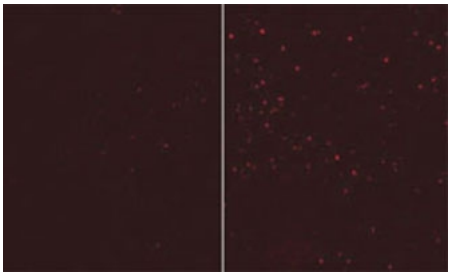

Western blot analysis of ATG12 antibody and recombinant protein.



IHC analysis of FFPE human hepatocarcinoma tissue and lung carcinoma tissue stained with ATG12 antibody



IHC analysis of FFPE human lung carcinoma tissue stained with ATG12 antibody



ATG12 antibody tested in 293 cells, fixed in PFA permeablilized with 0.2% Saponin, blocked with 10% goat serum. Secondary was mouse 555. The right is in full medium (FM) and the left with EBSS (no Leupeptin) (Provided by Nicole McKnight & Sharon Tooze).

## Description

Autophagy is a process of bulk protein degradation in which cytoplasmic components, including organelles, are enclosed in double-membrane structures called autophagosomes and delivered to lysosomes or vacuoles for degradation. ATG12 is the human homolog of a yeast protein involved in autophagy.

## Application Notes

Titration of the ATG12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

APG12L recombinant protein was used to produce this monoclonal antibody.

## Storage

Aliquot the ATG12 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.



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