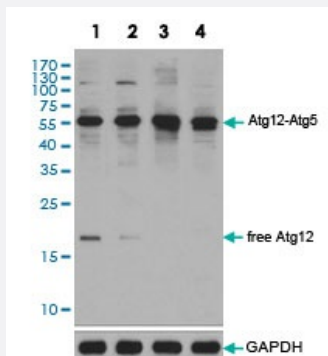


ATG12 monoclonal antibody, clone ABID-1

Catalog # MAB19566 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate with ATG12 monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human ATG12.

Immunogen A synthetic peptide corresponding to human ATG12.

Host Rabbit

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:50)
- Flow Cytometry (1:100)
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate with ATG12 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — ATG12

Entrez GeneID	9140
Protein Accession#	O94817
Gene Name	ATG12
Gene Alias	APG12, APG12L, FBR93, HAPG12
Gene Description	ATG12 autophagy related 12 homolog (S. cerevisiae)
Omim ID	609608
Gene Ontology	Hyperlink
Gene Summary	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 (Mizushima et al., 1998 [PubMed 9852036]).[supplied by OMIM]

Other Designations

APG12 autophagy 12-like|Apg12 (autophagy, yeast) homolog

Pathway

- [Regulation of autophagy](#)

Disease

- [Adenocarcinoma](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)