

Mouse anti-Human ATG4D Monoclonal Antibody | anti-ATG4D antibody

Anti-ATG4D Antibody

CATALOG # AAA266090	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ATG4D; Monoclonal Antibody; Anti-ATG4D Antibody; anti-ATG4D antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of ATG4D protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-ATG4D antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ATG4D. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ATG4D staining in U251 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of ATG4D expression in A431 (A) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 53 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-ATG4D antibody	Mouse monoclonal antibody to ATG4D
Product Categories/Family for anti-ATG4D antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27903825
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NCBI GeneID	84971
NCBI Accession #	NP_116274.3
NCBI GenBank Nucleotide #	NM_032885.4
UniProt Accession #	Q86TL0
Molecular Weight	52,922 Da
NCBI Official Full Name	cysteine protease ATG4D
NCBI Official Synonym Full Names	autophagy related 4D, cysteine peptidase
NCBI Official Symbol	ATG4D
NCBI Official Synonym Symbols	APG4D; AUTL4; APG4-D
NCBI Protein Information	cysteine protease ATG4D; autophagin-4; APG4 autophagy 4 homolog D; AUT-like 4 cysteine endopeptidase; ATG4 autophagy related 4 homolog D; AUT-like 4, cysteine endopeptidase; autophagy-related protein 4 homolog D; cysteine protease involved in autophagy; a
UniProt Protein Name	Cysteine protease ATG4D
UniProt Gene Name	ATG4D
UniProt Synonym Gene Names	APG4D; AUTL4
UniProt Entry Name	ATG4D_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/atg4d-antibody-immunochemistry-immunofluorescence-western-blot-elisa/266090>