

Mouse ATG5 Monoclonal Antibody | anti-ATG5 antibody

ATG5 Monoclonal Antibody

CATALOG # AAA173681	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ATG5; Monoclonal Antibody; ATG5 Monoclonal Antibody; Autophagy protein 5 (APG5-like) (Apoptosis-specific protein); anti-ATG5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	5D3
Purity/Purification	Protein A Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	275
Applicable Applications for anti-ATG5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein of ATG5
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian carcinoma tissue using ATG5 Monoclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat testis tissue using ATG5 Monoclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of HeLa cells using ATG5 Monoclonal Antibody at dilution of 1:10000.

ADDITIONAL INFORMATION

Related Product Information for anti-ATG5 antibody	Autophagy protein 5 is a protein that in humans is encoded by the ATG5 gene. It is an E3 ubiquitin ligase which is necessary for autophagy due to its role in autophagosome elongation. It is activated by ATG7 and forms a complex with ATG12 and ATG16L1. This complex is necessary for LC3-1 conjugation to PE to form LC3-II.
Product Categories/Family for anti-ATG5 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	554790362
NCBI GeneID	9474
NCBI Accession #	NP_001273035.1
NCBI GenBank Nucleotide #	NM_001286106.1
UniProt Accession #	Q9H1Y0; O60875; Q5JVR2; Q68DI4; Q9H2B8; Q9HCZ7
Molecular Weight	55kDa
NCBI Official Full Name	autophagy protein 5 isoform a
NCBI Official Synonym Full Names	autophagy related 5
NCBI Official Symbol	ATG5
NCBI Official Synonym Symbols	ASP; APG5; APG5L; hAPG5; SCAR25; APG5-LIKE
NCBI Protein Information	autophagy protein 5
UniProt Protein Name	Autophagy protein 5
UniProt Gene Name	ATG5
UniProt Synonym Gene Names	APG5L; ASP

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/atg5-antibody-clone-5d3-immunohistochemistry-western-blot-elisa/173681>