

Mouse ATG5 Monoclonal Antibody | anti-ATG5 antibody

ATG5 mouse Monoclonal Antibody (8B4)

CATALOG # AAA293852	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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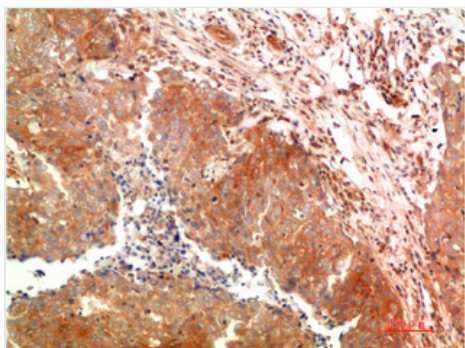
PRODUCT SYNONYMS

ATG5; Monoclonal Antibody; ATG5 mouse Monoclonal Antibody (8B4); Autophagy protein 5 (APG5-like)(Apoptosis-specific protein); anti-ATG5 antibody

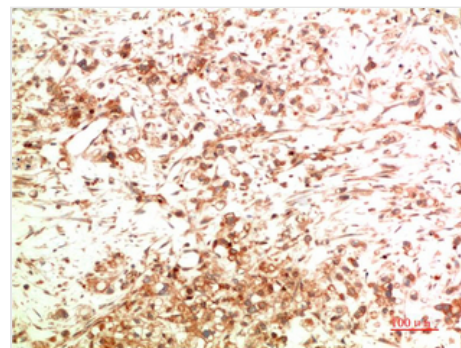
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	8B4
Applicable Applications for anti-ATG5 antibody	IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



Application Data
Dilution: IHC-p 1:50-300



IHC (Immunohistochemistry)
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ADDITIONAL INFORMATION

Related Product Information for anti-ATG5 antibody

Involved in autophagic vesicle formation. Conjugation with ATG12, through a ubiquitin-like conjugating system involving ATG7 as an E1-like activating enzyme and ATG10 as an E2-like conjugating enzyme, is essential for its function. The ATG12-ATG5 conjugate acts as an E3-like enzyme which is required for lipidation of ATG8 family proteins and their association to the vesicle membranes. Involved in mitochondrial quality control after oxidative damage, and in subsequent cellular longevity. Plays a critical role in multiple aspects of lymphocyte development and is essential for both B and T lymphocyte survival and proliferation. Required for optimal processing and presentation of antigens for MHC II. Involved in the maintenance of axon morphology and membrane structures, as well as in normal adipocyte differentiation. Promotes primary ciliogenesis through removal of OFD1 from centriolar satellites and degradation of IFT20 via the autophagic pathway.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17366828
NCBI GeneID	9474
UniProt Accession #	Q9H1Y0; O60875; Q5JVR2; Q68DI4; Q9H2B8; Q9HCZ7
Molecular Weight	275
NCBI Official Full Name	Autophagy protein 5
NCBI Official Synonym Full Names	autophagy related 5
NCBI Official Symbol	ATG5
NCBI Official Synonym Symbols	ASP; APG5; APG5L; hAPG5; APG5-LIKE
NCBI Protein Information	autophagy protein 5; apoptosis-specific protein; ATG5 autophagy related 5 homolog
UniProt Protein Name	Autophagy protein 5
UniProt Gene Name	ATG5
UniProt Synonym Gene Names	APG5L; ASP
UniProt Entry Name	ATG5_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/atg5-antibody-clone-8b4-immunohistochemistry-elisa/293852>