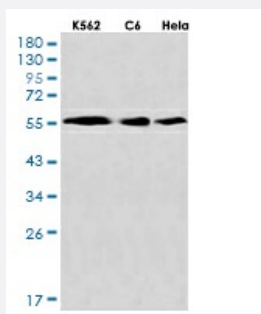


RecomAb™

ATG5 recombinant monoclonal antibody, clone R05-4F2

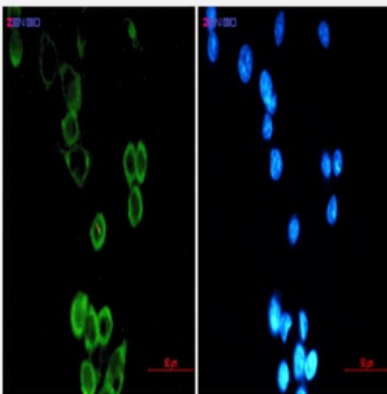
Catalog # RAB01297 Size 100 uL

Applications



Western Blot

Western blot analysis of APG5L/ATG5 Rabbit pA in K562, C6, HeLa lysates using APG5L/ATG5 antibody.



Immunocytochemistry

Immunocytochemistry analysis of APG5L/ATG5 (green) in MCF-7 using APG5L/ATG5 antibody, and DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ATG5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human APG5L/ATG5.
Theoretical MW (kDa)	Calculated MW: 32 kD
Reactivity	Human

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to 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

Western blot analysis of APG5L/ATG5 Rabbit pA in K562, C6, Hela lysates using APG5L/ATG5 antibody.

- Immunocytochemistry

Immunocytochemistry analysis of APG5L/ATG5 (green) in MCF-7 using APG5L/ATG5 antibody, and DAPI (blue).

- Immunofluorescence

- Immunoprecipitation

Gene Info — ATG5

Entrez GeneID	9474
Protein Accession#	Q9H1Y0
Gene Name	ATG5
Gene Alias	APG5, APG5-LIKE, APG5L, ASP, hAPG5
Gene Description	ATG5 autophagy related 5 homolog (S. cerevisiae)

Omim ID	604261
Gene Ontology	Hyperlink
Gene Summary	S. cerevisiae)-like APG5 autophagy 5-like ATG5 autophagy related 5-like OTTHUMP00000017823 OTTHUMP00000017824 OTTHUMP00000040507 apoptosis specific protein
Other Designations	APG5 (autophagy 5, S. cerevisiae)-like APG5 autophagy 5-like ATG5 autophagy related 5-like OTTHUMP00000017823 OTTHUMP00000017824 OTTHUMP00000040507 apoptosis specific protein

Pathway

- [Regulation of autophagy](#)

Disease

- [Adenocarcinoma](#)
- [Colorectal Neoplasms](#)
- [Huntington Disease](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)