



# Anti-ATG5 monoclonal antibody, clone FQS2866(3) (DCABH-130)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to APG5L/ATG5
<b>Antigen Description</b>	Required for autophagy. Conjugates to ATG12 and associates with isolation membrane to form cup-shaped isolation membrane and autophagosome. The conjugate detaches from the membrane immediately before or after autophagosome formation is completed. May play an important role in the apoptotic process, possibly within the modified cytoskeleton. Its expression is a relatively late event in the apoptotic process, occurring downstream of caspase activity.
<b>Immunogen</b>	Synthetic peptide corresponding to residues in Human APG5L/ATG5.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	FQS2866(3)
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP, IHC-P, ICC
<b>Positive Control</b>	Raji, HeLa, HT-1080, Human fetal kidney, C6, Raw264.7, PC-12 and NIH3T3 cell lysates; Human hepatocellular carcinoma and Human ovarian adenocarcinoma tissue
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.40; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA

**Storage**

Store at -20°C. Stable for 12 months at -20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ATG5 ATG5 autophagy related 5 homolog (S. cerevisiae) [ Homo sapiens ]</a>
<b>Official Symbol</b>	ATG5
<b>Synonyms</b>	ATG5; ATG5 autophagy related 5 homolog (S. cerevisiae); APG5 (autophagy 5, S. cerevisiae) like , APG5 autophagy 5 like (S. cerevisiae) , APG5L; autophagy protein 5; APG5; ASP; hAPG5; apoptosis specific protein; apoptosis-specific protein; APG5L; APG5-LIK
<b>Entrez Gene ID</b>	<a href="#">9474</a>
<b>Protein Refseq</b>	<a href="#">NP_004840</a>
<b>UniProt ID</b>	<a href="#">A9UGY9</a>
<b>Chromosome Location</b>	6q21
<b>Pathway</b>	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Negative regulators of RIG-I/MDA5 signaling, organism-specific biosystem; RIG-I-like receptor signaling pathway, organism-specific biosystem; RIG-I-like receptor signaling pathway, conserved biosystem; RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways, organism-specific biosystem; Regulation of autophagy, organism-specific biosystem;
<b>Function</b>	protein binding;