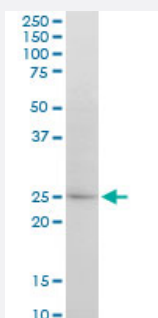


ATG5 monoclonal antibody (M04), clone 1G11

Catalog # H00009474-M04

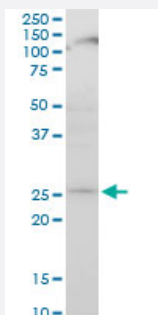
Size 100 ug

Applications



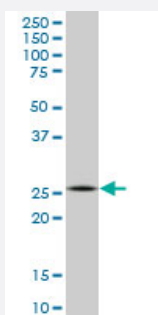
Western Blot (Cell lysate)

ATG5 monoclonal antibody (M04), clone 1G11. Western Blot analysis of ATG5 expression in Raw 264.7(Cat # L024V1).



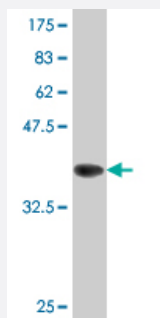
Western Blot (Cell lysate)

ATG5 monoclonal antibody (M04), clone 1G11. Western Blot analysis of ATG5 expression in NIH/3T3(Cat # L018V1).



Western Blot (Cell lysate)

ATG5 monoclonal antibody (M04), clone 1G11. Western Blot analysis of ATG5 expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ATG5.
Immunogen	ATG5 (AAH02699, 176 a.a. ~ 275 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PAEENGFRYIPFRIYQTTERPFIQKLRPVAADGQLHTLGDLLKEVCPSAIDPEDGEKKNQVMIHGI EPMLETPLQWLSEHLSYPDNFLHISIIPQPTD
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ATG5 monoclonal antibody (M04), clone 1G11. Western Blot analysis of ATG5 expression in Raw 264.7(Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

ATG5 monoclonal antibody (M04), clone 1G11. Western Blot analysis of ATG5 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

ATG5 monoclonal antibody (M04), clone 1G11. Western Blot analysis of ATG5 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ATG5

Entrez GeneID [9474](#)

GeneBank Accession# [BC002699](#)

Protein Accession# [AAH02699](#)

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

Publication Reference

- [Atg5flox-Derived Autophagy-Deficient Model of Pompe Disease: Does It Tell the Whole Story?](#)

Lim JA, Zare H, Puertollano R, Raben N.

Molecular Therapy. Methods & Clinical development 2017 Sep; 7:11.

Application: WB-Ti, Mouse, Mouse muscles

- [Autophagy contributes to the survival of CD133+ liver cancer stem cells in the hypoxic and nutrient-deprived tumor microenvironment.](#)

Song YJ, Zhang SS, Guo XL, Sun K, Han ZP, Li R, Zhao QD, Deng WJ, Xie XQ, Zhang JW, Wu MC, Wei LX.

Cancer Letters 2013 Oct; 339(1):70.

Application: WB, Human, Huh7 cells

Pathway

- [Regulation of autophagy](#)

Disease

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