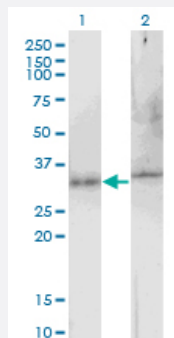


ATG5 monoclonal antibody (M02), clone 1C4

Catalog # H00009474-M02

Size 100 ug

Applications

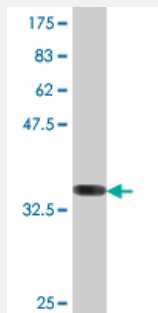


Western Blot (Transfected lysate)

Western Blot analysis of ATG5 expression in transfected 293T cell line by ATG5 monoclonal antibody (M02), clone 1C4.

Lane 1: ATG5 transfected lysate(32.4 KDa).

Lane 2: Non-transfected lysate.



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	PAEENGFRYIPFRIYQTTERPFQKLRPVAADGQLHTLGDLLKEVCPSAIDPEDGEKKNQVMIHGI EPMLETPLQWLSEHLSYPDNFLHISIIIPQPTD
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96)
Isotype	IgG2b 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 (Transfected lysate)

Western Blot analysis of ATG5 expression in transfected 293T cell line by ATG5 monoclonal antibody (M02), clone 1C4.

Lane 1: ATG5 transfected lysate(32.4 KDa).

Lane 2: Non-transfected lysate.

[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

Pathway

- [Regulation of autophagy](#)

Disease

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