

Datasheet for ABIN522952
anti-ATG5 antibody (AA 176-275)



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2 Images

Overview

Quantity:	100 µg
Target:	ATG5
Binding Specificity:	AA 176-275
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATG5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	PAEENGFYRI PFRIYQTTTE RPFIQKLFRP VAADGQLHTL GDLLKEVCPS AIDPEDGEKK NQVMIHGIEP MLETPLQWLS EHLSYPDNFL HISIIPQPTD
Clone:	1C4
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ATG5
Alternative Name:	ATG5 (ATG5 Products)
Background:	Full Gene Name: ATG5 autophagy related 5 homolog (S. cerevisiae) Synonyms: APG5,APG5-LIKE,APG5L,ASP,hAPG5
Gene ID:	9474
Pathways:	Activation of Innate immune Response, Production of Molecular Mediator of Immune Response , Autophagy

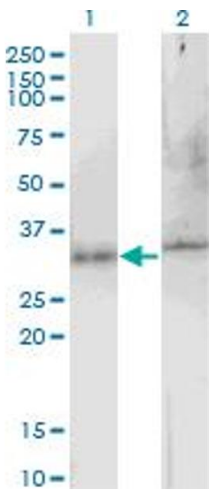
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

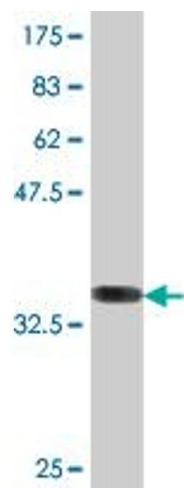


Western Blotting

Image 1. 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 Blotting

Image 2. Western Blot detection against Immunogen (36.63 kDa) .