

Datasheet for ABIN7250374

anti-ATG5 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	ATG5
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATG5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant Protein of ATG5
Clone:	5D3
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Protein A purification

Target Details

Target:	ATG5
Alternative Name:	ATG5 (ATG5 Products)
Background:	Autophagy protein 5 is a protein that in humans is encoded by the ATG5 gene. It is an E3 ubiquitin ligase which is necessary for autophagy due to its role in autophagosome elongation.

Target Details

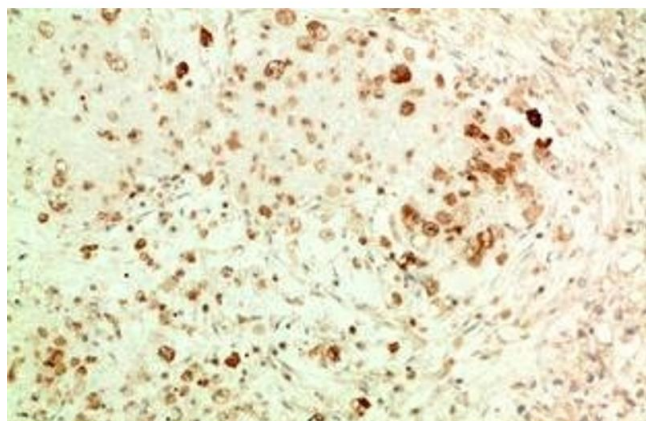
	It is activated by ATG7 and forms a complex with ATG12 and ATG16L1. This complex is necessary for LC3-1 conjugation to PE to form LC3-II.
Molecular Weight:	55 kDa
UniProt:	Q9H1Y0
Pathways:	Activation of Innate immune Response , Production of Molecular Mediator of Immune Response , Autophagy

Application Details

Application Notes:	WB 1:500-2000, IHC 1:50-300
Restrictions:	For Research Use only

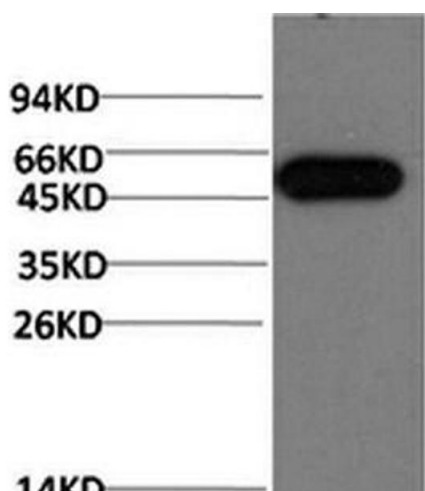
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.4.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



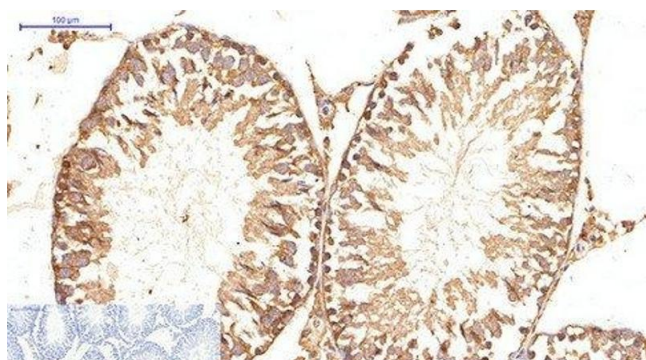
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human ovarian carcinoma tissue using ATG5 Monoclonal Antibody at dilution of 1:200.



Western Blotting

Image 2. Western Blot analysis of Hela cells using ATG5 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat testis tissue using ATG5 Monoclonal Antibody at dilution of 1:200.