

Datasheet for ABIN7193210  
**anti-ATG4A antibody (AA 258-398)**

## 5 Images

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## Overview

Quantity:	0.1 mg
Target:	ATG4A
Binding Specificity:	AA 258-398
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATG4A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

## Product Details

Immunogen:	Purified recombinant fragment of human ATG4A (AA: 258-398) expressed in E. coli.
Clone:	8C9C2
Isotype:	IgG2b
Purification:	purified

## Target Details

Target:	ATG4A
Alternative Name:	ATG4A ( <a href="#">ATG4A Products</a> )
Background:	Description: Autophagy is the process by which endogenous proteins and damaged organelles

## Target Details

are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases.

Aliases: APG4A, AUTL2

Molecular Weight:	45.4 kDa
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Gene ID:	115201
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Pathways:	<a href="#">Autophagy</a>
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## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A, ICC: 1:100 - 1:400
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Restrictions:	For Research Use only
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## Handling

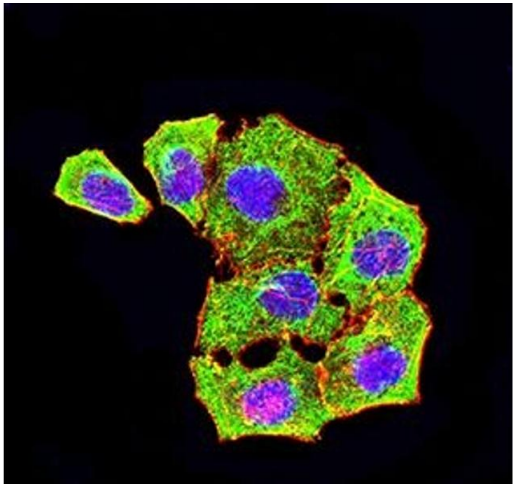
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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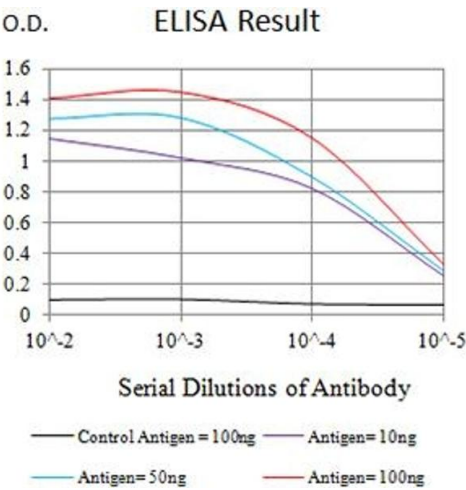
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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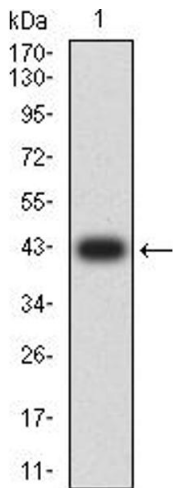
Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using ATG4A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



ELISA

**Image 2.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

**Image 3.** Western blot analysis using ATG4A mAb against human ATG4A (AA: 258-398) recombinant protein. (Expected MW is 42.2 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193210.