

ATG5 mouse Monoclonal Antibody(8B4)

Description

Product type	Primary Antibody
Code	BT-MCA0190
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of ATG5
Mol wt	N/A
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Autophagy protein 5
Synonyms	Autophagy protein 5; APG5-like; Apoptosis-specific protein; ATG5; APG5L; ASP

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

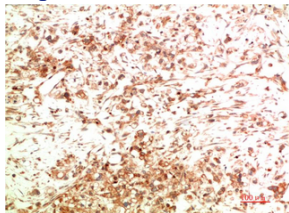
The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene.

Recommended Dilution

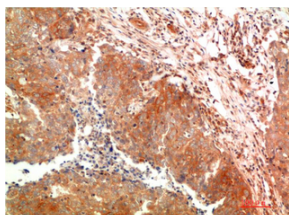
IHC-p: 1:50-300

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Human Ovarian Carcinoma Tissue using ATG5 Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using ATG5 Mouse Monoclonal antibody diluted at 1:200.

Storage

-20°C for one year

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