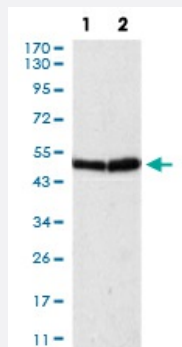


ATG5 monoclonal antibody, clone 8E8G6

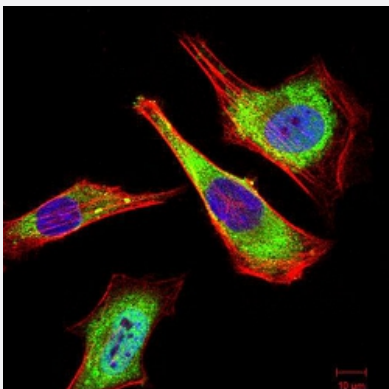
Catalog # MAB16688 Size 100 ug

Applications



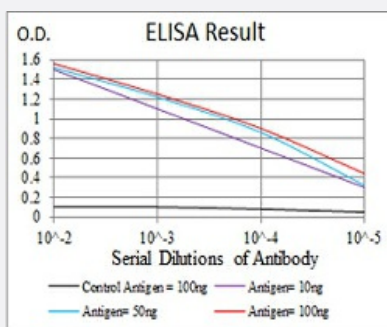
Western Blot (Cell lysate)

Western blot analysis of Lane 1: HeLa cell and Lane 2: K562 cell with ATG5 monoclonal antibody.



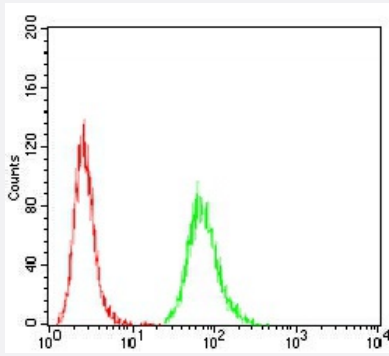
Immunocytochemistry

Immunocytochemical staining of HeLa cells with ATG5 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of ATG5 monoclonal antibody, clone 8E8G6.



Flow Cytometry

Flow cytometric analysis of Hela cells with ATG5 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human ATG5.
Immunogen	A synthetic peptide corresponding to amino acid of human ATG5.
Host	Mouse
Theoretical MW (kDa)	32.4
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: Hela cell and Lane 2: K562 cell with ATG5 monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of Hela cells with ATG5 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of ATG5 monoclonal antibody, clone 8E8G6.

- Flow Cytometry

Flow cytometric analysis of Hela cells with ATG5 monoclonal antibody (green) and negative control (red).

Gene Info — ATG5

Entrez GeneID	9474
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](#)