

# Product Datasheet

## ATG5 Antibody (1G11) H00009474-M04

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**H00009474-M04**

ATG5 Antibody (1G11)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	PBS (pH 7.4)

Product Description	
Host	Mouse
Gene ID	9474
Gene Symbol	ATG5
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	ATG5 (AAH02699, amino acids 176 - 275) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PAEENGFRIYIPFRIYQTTTERPFIQKLFPRVAADGQLHTLGDLLKEVCPSAIDPE DGEKKNQVMIHGIEPMLLETPLQWLSEHLSYPDNFLHISIIPQPTD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:100 - 1:2000
Application Notes	The optimal dilution should be determined by the end user.

**Publications**

Lim JA, Zare H, Puertollano R et al. Atg5flox-Derived Autophagy-Deficient Model of Pompe Disease: Does It Tell the Whole Story? Mol Ther Methods Clin Dev 2017-09-22 [PMID: 29057281]

Song YJ, Zhang SS, Guo XL et al. Autophagy contributes to the survival of CD133+ liver cancer stem cells in the hypoxic and nutrient-deprived tumor microenvironment. Cancer Lett 2013-07-20 [PMID: 23879969] (WB, Human)

Details:

Using the HRP conjugated version of NB500-249, catalog number NB500-249H.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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