

Product Datasheet

ATG5 Antibody [mFluor Violet 450 SE] NB110-53818MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB110-53818MFV450

ATG5 Antibody [mFluor Violet 450 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	mFluor Violet 450 SE
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	9474
Gene Symbol	ATG5
Species	Human, Mouse, Rat, Porcine, Alligator, Bovine, Drosophila, Fish, Guinea Pig, Primate, Xenopus, Zebrafish
Reactivity Notes	Drosophila reactivity reported in scientific literature (PMID:33221768) Fish reactivity reported in scientific literature (PMID: 26183773). Guinea Pig reactivity reported in scientific literature (PMID: 30766882). Use in Alligator reported in scientific literature (PMID:32061056).
Specificity/Sensitivity	This is selective for the full-length and calpain cleaved isoform proteins. The short isoform is missing amino acids 1-79. The calpain cleaved form of ATG5 is missing amino acids 195-275.
Immunogen	This ATG5 Antibody was made to a synthetic peptide of an N-terminal region of the human ATG5 protein (within residues 1-50) [Swiss-Prot Q9H1Y0].
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Electron Microscopy, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Radioimmunoassay, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunoblotting, Radioimmunoassay, Proximity Ligation Assay, Electron Microscopy, Knockout Validated, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

ATG5 Antibody [mFluor Violet 450 SE] [NB110-53818MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.



mFluor™ Violet 450

LASER (nm)	FILTER
Violet (405)	450/45

EXCITATION MAX (nm)	EMISSION MAX (nm)
406	445



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Products Related to NB110-53818MFV450

NB110-53818PEP	ATG5 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBL1-07799	ATG5 Overexpression Lysate
H00008878-M01	p62/SQSTM1 Antibody (2C11)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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