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Product Datasheet

ATG5 (Autophagy Marker) (ATG5/2101), 1mg/mL, Clone: [ATG5/2101], Mouse, Monoclonal BOT-BNUM2101-50

Article Name	ATG5 (Autophagy Marker) (ATG5/2101), 1mg/mL, Clone: [ATG5/2101], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNUM2101-50
Supplier Catalog Number	BNUM2101-50
Alternative Catalog Number	BOT-BNUM2101-50-50UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human
Immunogen	Recombinant fragment of human ATG5 protein (around aa 1-119) (exact sequence is proprietary)
Product Description	Autophagy protein 5 (ATG5), in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. ATG5 is involved in several cellular processes, including autophagic vesicle formation, mitochondr...
Clonality	Monoclonal
Concentration	1 mg/mL
Clone Designation	[ATG5/2101]
Molecular Weight	50-32 kDa

UniProt	Q9H1Y0
Buffer	PBS, no BSA, no azide
Source	Animal
Application Notes	Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody ELISA: For coating use Ab at 1-5 ug/mL order Ab without BSA Immunohistology (formalin): 1-2 ug/mL for 30 minutes at RT Western Blot 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user