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## Product Datasheet

### **ATG5 (Autophagy Marker) (ATG5/2101), CF405S conjugate, 0.1mg/mL, Clone: [ATG5/2101], Mouse, Monoclonal BOT-BNC042101-500**

Article Name	ATG5 (Autophagy Marker) (ATG5/2101), CF405S conjugate, 0.1mg/mL, Clone: [ATG5/2101], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC042101-500
Supplier Catalog Number	BNC042101-500
Alternative Catalog Number	BOT-BNC042101-500-500UL
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)
Conjugation	CF405S
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	0.1 mg/mL
Clone Designation	[ATG5/2101]

Molecular Weight	50-32 kDa
UniProt	<a href="#">Q9H1Y0</a>
Buffer	PBS, 0.1% BSA, 0.05% 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