

ATG5 (3C7) Mouse mAb

Cat No: HR1AM2485

For research use only

Overview

Product Name	ATG5 (3C7) Mouse mAb
Source	Mouse
Applications	WB, IHC
Species Reactivity	Human, Mouse, Rat
Recommended Dilutions	WB 1:5,000-10,000 IHC 1:100-200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	55kDa
GeneID?Human?	9494
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	APG5, APG5L, ASP, Autophagy protein 5 antibody
Background	Autophagy is generally activated by conditions of nutrient deprivation but has also been associated with a number of physiological processes including development, differentiation, neurodegeneration, infection, and cancer. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.