



ATG7 (3D6) Mouse mAb

Cat No: HR1AM2496

For research use only

Overview

Product Name	ATG7 (3D6) Mouse mAb
Source	Mouse
Applications	IHC
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	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	78kDa
GeneID?Human?	10533
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	APG7, GSA7, Autophagy related protein 7
Background	The molecular machinery of autophagy was largely discovered in yeast and referred to as autophagy-related (Atg) genes. 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.