

Product datasheet for **TA346892**

Beclin 1 (BECN1) Mouse Monoclonal Antibody [Clone ID: 4F4-B10-C9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4F4-B10-C9
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human, Monkey, Mouse, Rat, Hamster
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for BECN1 antibody: purified recombinant human Beclin 1 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	beclin 1
Database Link:	NP_003757 Entrez Gene 56208 Mouse Entrez Gene 114558 Rat Entrez Gene 711649 Monkey Entrez Gene 8678 Human Q14457
Background:	Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration (Zhong et al., 2009 [PubMed 19270693]).
Synonyms:	ATG6; beclin1; VPS30
Protein Families:	Druggable Genome



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Protein Pathways: Regulation of autophagy