

Mouse Monoclonal Antibody to BECN1

Catalogue Number sAP-0534

Target Molecule **Name:** BECN1

Aliases: ATG6; VPS30; beclin1; BECN1

MW: 60kDa

Entrez Gene ID: 8678

Description Beclin-1 participates in the regulation of autophagy and has an important role in development, tumorigenesis, and neurodegeneration (Zhong et al., 2009 (PubMed 19270693)).(supplied by OMIM) . Tissue specificity: Ubiquitous.

Immunogen Purified recombinant fragment of human BECN1 expressed in E. Coli.

Recitative Species Human

Clone MM2A4;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

Reconstitution/Storages Reconstituted with 100µl sterile DI H₂O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. Autophagy. 2008 Oct 1;4(7):947-8. ; 2. J Clin Invest. 2008 Jun;118(6):2190-9. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**