

Mouse Monoclonal Antibody to AP2M1

Catalogue Number	sAP-1574
Target Molecule	Name: AP2M1 Aliases: mu2; AP50; CLAPM1 MW: 49.7kDa Entrez Gene ID: 1173
Description	This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Three transcript variants encoding different isoforms have been found for this gene.
Immunogen	Purified recombinant fragment of human AP2M1 (AA: 298-435) expressed in E. Coli.
Reactive Species	Human;Monkey;
Clone	MM4F1B2
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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 300 - 1 to 800; ICC: N to A; FCM: N to A; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.PLoS Pathog. 2012;8(8):e1002845.2.Proc Natl Acad Sci U S A. 2007 Feb 20;104(8):2991-6.

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**