

Mouse Monoclonal Antibody to ARFGAP1

Catalogue Number	sAP-1516
Target Molecule	Name: ARFGAP1 Aliases: ARF1GAP; HRIHFB2281 MW: 44.7kDa Entrez Gene ID: 55738
Description	The protein encoded by this gene is a GTPase-activating protein, which associates with the Golgi apparatus and which interacts with ADP-ribosylation factor 1. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinositides and inhibited by phosphatidylcholine. Alternative splicing results in multiple transcript variants.
Immunogen	Purified recombinant fragment of human ARFGAP1 (AA: 270-414) expressed in E. Coli.
Recitative Species	Human;Mouse;
Clone	MM1C4E2
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 H ₂ O, 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; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.PLoS One. 2014 Nov 14;9(11):e1111309. 2.Methods Enzymol. 2001;329:307-16.

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**