

## Mouse Monoclonal Antibody to ARF1

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| <b>Catalogue Number</b>        | sAP-1353   |
| <b>Target Molecule</b>         | <p><b>Name: ARF1</b></p> <p><b>Aliases:</b></p> <p><b>MW: 20.7kDa</b></p> <p><b>Entrez Gene ID: 375</b></p>  |
| <b>Description</b>             | ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.; |
| <b>Immunogen</b>               | Purified recombinant fragment of human ARF1 (AA: 76-182) expressed in E. Coli.   |
| <b>Reactive Species</b>        | Human;   |
| <b>Clone</b>                   | MM8D8E9;   |
| <b>Size and Concentration</b>  | 100µg/1mg/ml   |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide  |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage   |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400  |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)   |
| <b>Reference</b>               | 1.Mol Biol Cell. 2014 Jan;25(1):17-29. ; 2.Cancer Sci. 2012 Jun;103(6):1136-44. ;  |

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**