

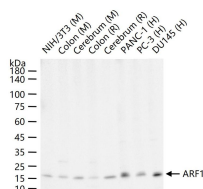
**bsm-52016R****[ Primary Antibody ]****BioSS**  
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**ARF1 Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1D4**GeneID:** 375**SWISS:** P84077**Target:** ARF1**Immunogen:** A synthesized peptide derived from human ARF1: 70-108.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** GTP-binding protein that functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Involved in protein trafficking among different compartments. Modulates vesicle budding and uncoating within the Golgi complex. Deactivation induces the redistribution of the entire Golgi complex to the endoplasmic reticulum, suggesting a crucial role in protein trafficking. In its GTP-bound form, it triggers the association with coat proteins with the Golgi membrane. The hydrolysis of ARF1-bound GTP, which is mediated by ARFGAPs proteins, is required for dissociation of coat proteins from Golgi membranes and vesicles.**Applications:** WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted  
MW.:** 21 kDa**Subcellular  
Location:** Cytoplasm**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates  
(see on figure) probed with ARF1 monoclonal  
antibody, unconjugated (bsm-52016R) at 1:1000  
dilution and 4°C overnight incubation. Followed  
by conjugated secondary antibody incubation at  
r.t. for 60 min.