ARF1 (Golgi Apparatus Marker) Antibody

Mouse Monoclonal Antibody [Clone 3F1]

Catalog No	Format	Size
375-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
375-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
375-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

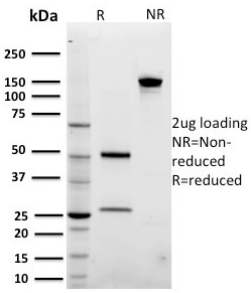
Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	3F1
Gene Name	ARF1
Immunogen	Synthetic peptide SNQLRNQ, corresponding to C terminal amino acids 174-180 of Human ARF1.
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	20kDa
Cellular Localization	Cell junction, Cytoplasm, Golgi apparatus, Membrane, Perinuclear region, Postsynaptic density, Synapse, Synaptosome, trans-Golgi network membrane
Species Reactivity	Human, Mouse, Rat
Positive Control	Brain or Breast., HeLa cells. Kidney, Liver

**Optimal dilution for a specific application should be determined.*

Product Images for ARF1 (Golgi Apparatus Marker) Antibody



SDS-PAGE Analysis of Purified ARF1 Mouse Monoclonal Antibody (3F1).Confirmation of Integrity and Purity of the Antibody.

Specificity & Comments

The ADP-ribosylation factor (ARF) family comprises a group of structurally and functionally conserved proteins, which are members of the Ras superfamily of regulatory GTP-binding proteins. The ARF family is divided functionally into the ARF and the ARF-like proteins. ARF's share more than 60% sequence identity, appear to be ubiquitous in eukaryotes, and are highly conserved evolutionarily. ARF is involved in intracellular protein traffic to and within the Golgi complex. ARF has a number of disparate activities including maintenance of organelle integrity, assembly of coat proteins, as a co-factor for cholera toxin and as an activator of phospholipase D.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cytokine Signaling, Immunology, Infectious Disease

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.