

### 36-2636: Anti-ARF1 (Golgi Apparatus Marker) Monoclonal Antibody(Clone: 3F1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3F1
<b>Application :</b>	ELISA,IF,WB,IHC
<b>Reactivity :</b>	Human, Mouse, Rat
<b>Gene :</b>	ARF1
<b>Gene ID :</b>	375
<b>Uniprot ID :</b>	P84077
<b>Alternative Name :</b>	ADP-ribosylation factor 1; ARF1
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Synthetic peptide SNQLRNQ, corresponding to C terminal amino acids 174-180 of Human ARF1.

#### Description

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.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/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.
<b>Storage condition :</b>	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.

#### Application Note

ELISA (For coating, order antibody without BSA);Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes 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);

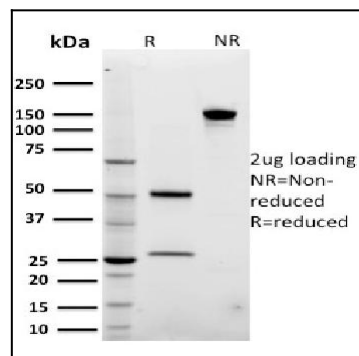


Fig. 1: SDS-PAGE Analysis Purified ARF1 Mouse Monoclonal Antibody (3F1). Confirmation of Integrity and Purity of the Antibody.