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## 36-2637: Anti-ARF1 (Golgi Apparatus Marker) Monoclonal Antibody(Clone: ARF1/2117)

Clonality: Monoclonal Clone Name: ARF1/2117

**Application:** IHC

**Reactivity:** Human, Mouse, Rat

 Gene :
 ARF1

 Gene ID :
 375

 Uniprot ID :
 P84077

**Alternative Name:** ADP-ribosylation factor 1; ARF1

**Isotype:** Mouse IgG2a, kappa

Immunogen Information: Recombinant full-length human ARF1 protein

## **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**

Amount :  $20 \mu g / 100 \mu g$ 

Content: 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.

**Storage condition :** 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**

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 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&degC followed by cooling at RT for 20 minutes);

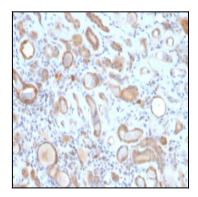


Fig. 1: Formalin-fixed, paraffin-embedded human Kidney stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).







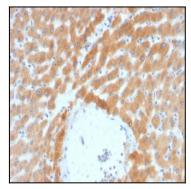


Fig. 2: Formalin-fixed, paraffin-embedded human Liver stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).

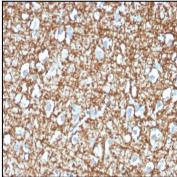


Fig. 3: Formalin-fixed, paraffin-embedded human Brain stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).

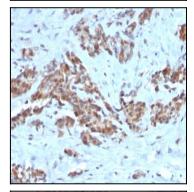


Fig. 4: Formalin-fixed, paraffin-embedded human Breast stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).

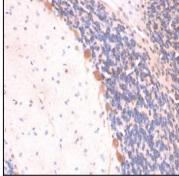


Fig. 5: Formalin-fixed, paraffin-embedded Rat Brain stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).



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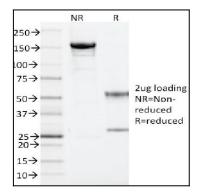


Fig. 6: SDS-PAGE Analysis Purified ARF1 Mouse Monoclonal Antibody (ARF1/2117). Confirmation of Integrity and Purity of the Antibody.