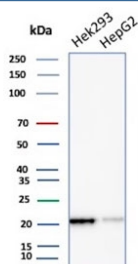


## ARF1 Antibody / ADP-ribosylation factor 1 [clone 1A9/5] (V3811)

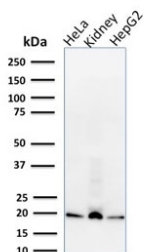
Catalog No.	Formulation	Size
V3811-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3811-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3811SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

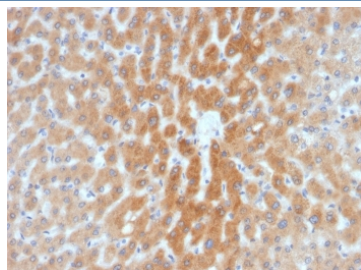
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2a, kappa
<b>Clone Name</b>	1A9/5
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P84077
<b>Localization</b>	Cytoplasmic (Golgi)
<b>Applications</b>	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This ARF1 antibody is available for research use only.



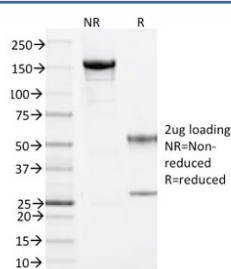
Western blot testing of human HEK293 and HepG2 cell lysate with ARF1 antibody (clone 1A9/5). Predicted molecular weight ~21 kDa.



Western blot testing of human HeLa, kidney and HepG2 cell lysate with ARF1 antibody (clone 1A9/5). Predicted molecular weight ~21 kDa.



IHC testing of FFPE human liver tissue with ARF1 antibody (clone 1A9/5). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free ARF1 antibody (clone 1A9/5) as confirmation of integrity and purity.

## 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.

## Application Notes

Titring of the ARF1 antibody may be required for optimal performance.

## Immunogen

The C-terminal amino acid sequence SNQLRNQ from the human protein was used as the immunogen for the ARF1 antibody.

## Storage

Store the ARF1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

