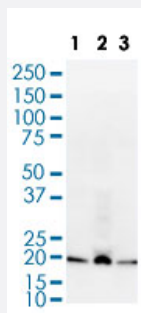


# ARF1 monoclonal antibody, clone 1A9/5

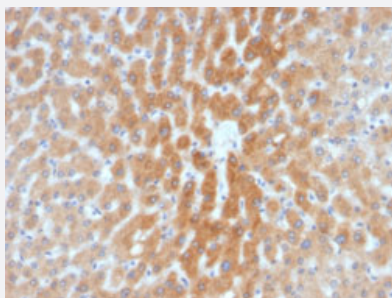
Catalog # MAB21118      Size 100 ug

## Applications



### Western Blot

Western Blot analysis of (1) Hela cell lysate, (2) human kidney tissue, (3) HepG2 cell lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against human ARF1.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human ARF1 peptide.
<b>Sequence</b>	SNQLRNQ
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification

Isotype	IgG2a, kappa
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide).
Storage Instruction	Store at 2 to 8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of (1) Hela cell lysate, (2) human kidney tissue, (3) HepG2 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver.

## Gene Info — ARF1

Entrez GeneID	<a href="#">375</a>
Protein Accession#	<a href="#">P84077</a>
Gene Name	ARF1
Gene Alias	-
Gene Description	ADP-ribosylation factor 1
Omim ID	<a href="#">103180</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

**Other Designations**

OTTHUMP00000035715

**Pathway**

- [Vibrio cholerae infection](#)

**Disease**

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Complications](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)