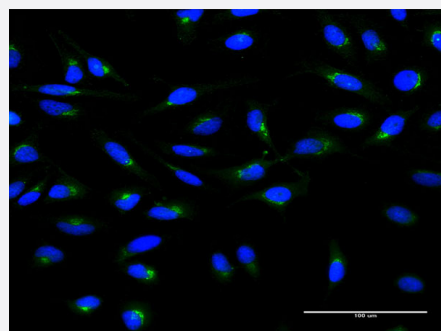


ARF1 monoclonal antibody (M02), clone 4G6

Catalog # H00000375-M02

Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to ARF1 on HeLa cell . [antibody concentration 20 ug/ml]

Specification

Product Description Mouse monoclonal antibody raised against a full-length recombinant ARF1.

Immunogen ARF1 (AAH11358.1, 1 a.a. ~ 181 a.a) full-length recombinant protein.

Sequence MGNIFANLFKGLFGKKEMRILMVGLDAAGKTTILYKLKLGEVTTIPTIGFNVETVEYKNISFTVWDVG
GQDKIRPLWRHYFQNTQGLIFVVDSDNDRERVNEAREELMRMLAEDELRDVLLVFANKQDLPNA
MNAAEITDKLGLHSLRHRNWYIQATCATSGDGLYEGLDWLSNQLRNQK

Host Mouse

Reactivity Human

Isotype IgG2a Kappa

Quality Control Testing Antibody Reactive Against Recombinant Protein.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to ARF1 on HeLa cell . [antibody concentration 20 ug/ml]

Gene Info — ARF1

Entrez GeneID [375](#)

GeneBank Accession# [BC011358](#)

Protein Accession# [AAH11358.1](#)

Gene Name ARF1

Gene Alias -

Gene Description ADP-ribosylation factor 1

Omim ID [103180](#)

Gene Ontology [Hyperlink](#)

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](#)