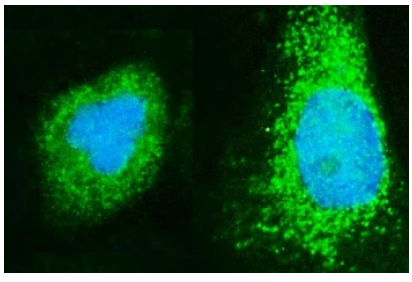
ADP-ribosylation factor 6 Antibody / ARF6 (RQ6368)

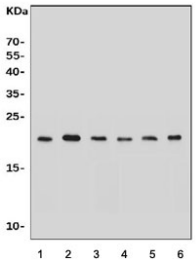
Catalog No.	Formulation	Size
RQ6368	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

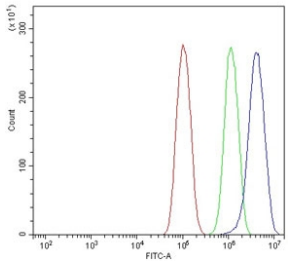
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P62330
Localization	Cytoplasmic, cell membrane
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Immunofluorescence (FFPE): 5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This ADP-ribosylation factor 6 antibody is available for research use only.



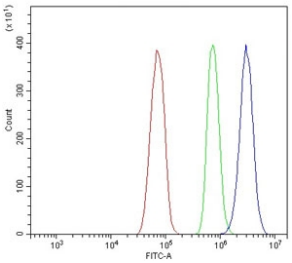
Immunofluorescent staining of FFPE human A431 cells with ADP-ribosylation factor 6 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human PC-3, 3) human U-2 OS, 4) rat liver, 5) mouse lung and 6) mouse liver lysate with ADP-ribosylation factor 6 antibody. Predicted molecular weight ~20 kDa.



Flow cytometry testing of human PC-3 cells with ADP-ribosylation factor 6 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ADP-ribosylation factor 6 antibody.



Flow cytometry testing of rat RH35 cells with ADP-ribosylation factor 6 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ADP-ribosylation factor 6 antibody.

Description

ADP-ribosylation factor 6 (ARF6) is a member of the human ARF gene family, which is part of the RAS superfamily. The ARF genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7.

Application Notes

Optimal dilution of the ADP-ribosylation factor 6 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R75-S175) was used as the immunogen for the ADP-ribosylation factor 6 antibody.

Storage

After reconstitution, the ADP-ribosylation factor 6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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