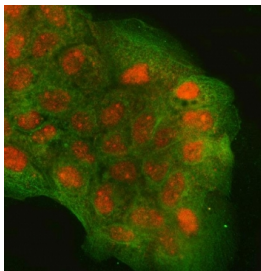


## Regulator of G-protein signaling 9 Antibody / RGS9 (RQ7831)

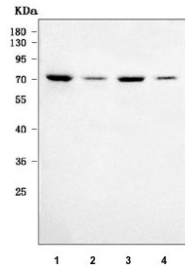
Catalog No.	Formulation	Size
RQ7831	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

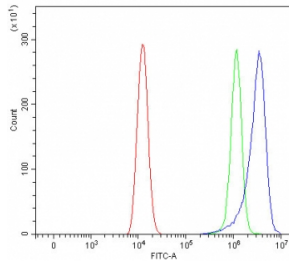
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	O75916
<b>Localization</b>	Nucleoplasm and Vesicles
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Regulator of G-protein signaling 9 antibody is available for research use only.



Immunofluorescent staining of FFPE human A431 cells with Regulator of G-protein signaling 9 antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) SH-SY5Y, 2) U-2 OS, 3) HEL and 4) Daudi cell lysate with Regulator of G-protein signaling 9 antibody. Predicted molecular weight: 50-77 kDa (multiple isoforms).



Flow cytometry testing of human HEL cells with Regulator of G-protein signaling 9 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Regulator of G-protein signaling 9 antibody.

## Description

Regulator of G-protein signaling 9, also known as RGS9 is a human gene, which codes for a protein involved in regulation of signal transduction inside cells. This gene is mapped to 17q24.1. This gene encodes a member of the RGS family of GTPase activating proteins that function in various signaling pathways by accelerating the deactivation of G proteins. This protein is anchored to photoreceptor membranes in retinal cells and deactivates G proteins in the rod and cone phototransduction cascades. Mutations in this gene result in bradyopsia. Multiple transcript variants encoding different isoforms have been found for this gene.

## Application Notes

Optimal dilution of the Regulator of G-protein signaling 9 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids R13-D638) was used as the immunogen for the Regulator of G-protein signaling 9 antibody.

## Storage

After reconstitution, the Regulator of G-protein signaling 9 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.