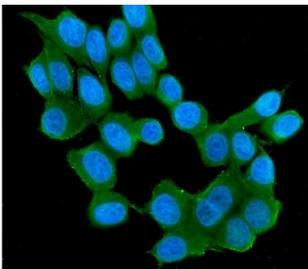


## RAB11B Antibody [clone 6C5] (RQ5671)

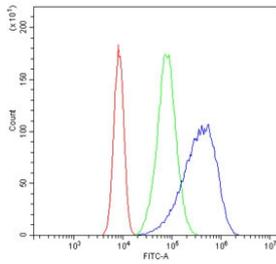
Catalog No.	Formulation	Size
RQ5671	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

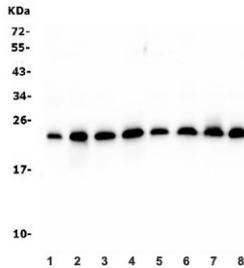
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse IgG2b
<b>Clone Name</b>	6C5
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q15907
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 2-4ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	This RAB11B antibody is available for research use only.



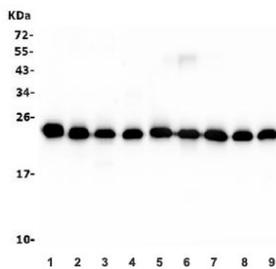
Immunofluorescent staining of FFPE human MCF7 cells with RAB11B antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human Caco-2 cells with RAB11B antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RAB11B antibody.



Western blot testing of human 1) HEK293, 2) HeLa, 3) A549, 4) placenta, 5) HepG2, 6) Caco-2, 7) ThP-1 and 8) Raji lysate with RAB11B antibody. Predicted molecular weight ~24 kDa.



Western blot testing of rat 1) brain, 2) lung, 3) spleen, 4) C6 and mouse 5) brain, 6) lung, 7) spleen, 8) Neuro-2a and 9) RAW264.7 lysate with RAB11B antibody. Predicted molecular weight ~24 kDa.

## Description

Ras-related protein Rab-11B is a protein that in humans is encoded by the RAB11B gene. It is mapped to 19p13.2. The Ras superfamily of small GTP-binding proteins, which includes the Ras, Ral, Rho, Rap, and Rab families, is involved in controlling a diverse set of essential cellular functions. The Rab family, including RAB11B, appears to play a critical role in regulating exocytotic and endocytotic pathways.

## Application Notes

Optimal dilution of the RAB11B antibody should be determined by the researcher.

## Immunogen

Amino acids QKQIADRAAHDESPGNNVVDISVPPTTDGQKPNKLQCC from the human protein were used as the immunogen for the RAB11B antibody.

## Storage

After reconstitution, the RAB11B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

