

## Anti-Ras-related protein Rab-8A RAB8A Antibody Picoband® FITC Conjugated

Catalog Number: PA2280-FITC

### About RAB8A

Ras-related protein Rab-8A is a protein that in humans is encoded by the RAB8A gene. It is mapped to 19p13.12. The protein encoded by this gene is a member of the RAS superfamily which are small GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. RAB8A regulates cilia assembly by targeting and promoting fusion of vesicles near the ciliary membrane. This gene requires CEP290 for centrosome localization and that CEP290 regulates entry of RAB8A into the cilium during assembly of this organelle. RAB8A has been shown to interact with Optineurin and MAP4K2.

### Overview

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|----------------------|--|
| Product Name         | Anti-Ras-related protein Rab-8A RAB8A Antibody Picoband® FITC Conjugated                                     |
| Reactive Species     | Human  |
| Application          | Flow Cytometry   |
| Clonality            | Polyclonal   |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.         |
| Host                 | Rabbit   |
| Uniprot ID           | P61006   |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | A synthetic peptide corresponding to a sequence at the C-terminus of human RAB8A, identical to the related mouse and rat sequences. |
| Cross Reactivity | No cross-reactivity with other proteins   |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | FITC<br>Excitation Wavelength: 495 nm   |

|                     |  |
|---------------------|--|
|                     | Emission Wavelength: 525 nm  |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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