

DATASHEET

RAB13 Mouse Monoclonal Antibody(C3808)

CAT. NO. AMA03420

KEY FEATURES

| | | | |
|---------------|--|---------------|--------------|
| Target | RAB13 | Source / Host | Mouse |
| Reactivity | Human | Clonality | Monoclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. | Storage | at-20°C |

BACKGROUND

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. RAB13 is involved in endocytic recycling and regulates the transport to the plasma membrane of transmembrane proteins like the tight junction protein OCLN/occludin. Thereby, it regulates the assembly and the activity of tight junctions.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

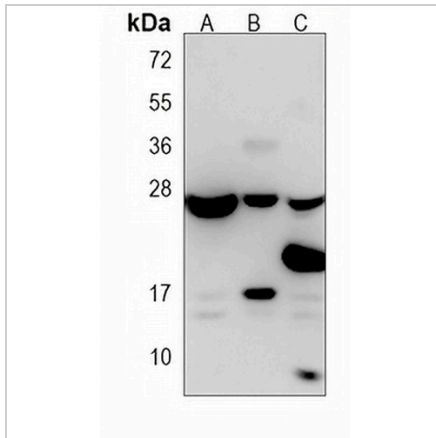
| | |
|-------------------|---|
| Description | Mouse monoclonal antibody to RAB13 |
| Specificity | Recognizes endogenous levels of RAB13 protein. |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human RAB13. The exact sequence is proprietary. |
| Purification | This antibody is purified through a protein G column. |
| Molecular Weight | Predicted: 22 kD; Observed: 22 kD |
| Form/Buffer | Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | Ras-related protein Rab-13; Cell growth-inhibiting gene 4 protein |
| Gene Symbol | RAB13 |
| Entrez Gene | 5872(Human) |
| SwissProt | P51153(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of RAB13 expression in MCF7 (A), A549 (B), A431 (C) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 22 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.