

RND3 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2097a**Specification****RND3 Antibody - Product Information**

Application	WB, IHC, FC, ICC, E
Primary Accession	P61587
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	27.4kDa KDa

Description

This gene encodes a protein which is a member of the small GTPase protein superfamily. The encoded protein binds only GTP but has no GTPase activity, and appears to act as a negative regulator of cytoskeletal organization leading to loss of adhesion. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Immunogen

Purified recombinant fragment of human RND3 (AA: 104-241) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

RND3 Antibody - Additional Information

Gene ID 390

Other Names

Rho-related GTP-binding protein RhoE, Protein MemB, Rho family GTPase 3, Rho-related GTP-binding protein Rho8, Rnd3, RND3, ARHE, RHO8, RHOE

Dilution

WB~~1/500 - 1/2000
IHC~~1/200 - 1/1000
FC~~1/200 - 1/400
ICC~~N/A
E~~1/10000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RND3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

RND3 Antibody - Protein Information

Name RND3

Synonyms ARHE, RHO8, RHOE

Function

Binds GTP but lacks intrinsic GTPase activity and is resistant to Rho-specific GTPase-activating proteins.

Cellular Location

Golgi apparatus membrane; Peripheral membrane protein

Tissue Location

Ubiquitous.

RND3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)