

# RND3 Antibody

Purified Mouse Monoclonal Antibody  
Catalog # AO2096a

## Product Information

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<b>Application</b>	WB, IHC, FC, ICC, E
<b>Primary Accession</b>	<a href="#">P61587</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	5C7E8
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	27368
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human RND3 (AA: 104-241) expressed in E. Coli.
<b>Formulation</b>	Purified antibody in PBS with 0.05% sodium azide

## Additional Information

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<b>Gene ID</b>	390
<b>Other Names</b>	Rho-related GTP-binding protein RhoE, Protein MemB, Rho family GTPase 3, Rho-related GTP-binding protein Rho8, Rnd3, RND3, ARHE, RHO8, RHOE
<b>Dilution</b>	WB~1/500 - 1/2000 IHC~1/200 - 1/1000 FC~1/200 - 1/400 ICC~N/A E~1/10000
<b>Storage</b>	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.
<b>Precautions</b>	RND3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	RND3
<b>Synonyms</b>	ARHE, RHO8, RHOE

<b>Function</b>	Binds GTP but lacks intrinsic GTPase activity and is resistant to Rho-specific GTPase-activating proteins.
<b>Cellular Location</b>	Golgi apparatus membrane; Peripheral membrane protein
<b>Tissue Location</b>	Ubiquitous.

## References

1.Hepatology. 2013 Jan;57(1):152-61. 2.Oncol Rep. 2011 Jan;25(1):173-80.

## Images

