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RND3 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2097a

Product Information

Application	WB, IHC, FC, ICC, E
Primary Accession	P61587
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	5C7B6
Isotype	IgG1
Calculated MW	27368
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

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.

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.

References

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

Images

