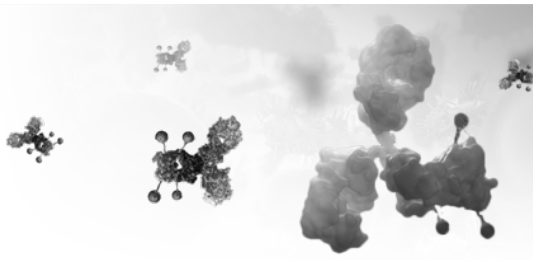

Mouse anti-Human ARHGEF5 monoclonal antibody, clone 5E21E22 (CABT-B9787)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ARHGEF5 (AAH14555, 1 a.a. ~ 520 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5E21E22
Conjugate	Unconjugated
Applications	WB,IP,sELISA,ELISA
Sequence Similarities	MGGFSRRCSKLINSSQLLYQEYSDVVLNKEIQSQQRLESLSETPGPSSPRQPRKALVSSE SYLQRLSMASSGSLWQEIPVVRNSTVLLSMTHEDQKLQEVKFELIVSEASYLRSLNIAVD HFQLSTSLRATLSNQEHQWLFSRLQDVRDVSATFLSDLEENFENNIFSFQVCDVVLNHAP DFRRVYLPYVTNQTYQERTFQSLMNSNSNFREVLEKLESDPVCQRLSLKSFLILPFQRIT RLKLLLQNILKRTQP
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

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Introduction	Rho GTPases play a fundamental role in numerous cellular processes initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein may be involved in the control of cytoskeletal organization. [provided by RefSeq, Jul 2008]
Keywords	ARHGEF5; Rho guanine nucleotide exchange factor (GEF) 5; P60; TIM; GEF5; TIM1; rho guanine nucleotide exchange factor 5; p60 TIM; ephexin-3; oncogene TIM; guanine nucleotide regulatory protein TIM; transforming immortalized mammary oncogene;

GENE INFORMATION

Entrez Gene ID	7984
UniProt ID	Q12774
Pathway	Regulation of RhoA activity, organism-specific biosystem
Function	GTP binding; Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; protein binding

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