



	Technical Data Sheet	
Product	<b>Anti-ARHGEF4 PE</b>	
Cat. Number/Size	<b>1P-723-C025</b>	<b>0.025 mg</b>
	<b>1P-723-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	ARHGEF4	
Clone	ARHGEF-08	
Format	PE	
Reactivity	Human	
Application	FC-IC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody ARHGEF-08 recognizes human intracellular protein ARHGEF4 / ASEF1, approx. 80 kDa guanine nucleotide exchange factor specific for Rac1 and Cdc42. The epitope is located in the rough at the region of SH3 domain.	
Other names	ASEF1, GEF4, STM6	
Immunogen	Recombinant fragment of human ARHGEF4 (amino acids 143-271)	
Entrez Gene ID	50649	
Gene name	ARHGEF4	
NCBI Full Gene Name	Rho guanine nucleotide exchange factor 4	
UniProt ID	Q9NR80	
Concentration	0.1 mg/ml	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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