



	Technical Data Sheet	
Product	<b>Anti-SIT PE</b>	
Cat. Number/Size	<b>1P-345-C025</b>	<b>0.025 mg</b>
	<b>1P-345-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	SIT	
Clone	SIT-01	
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 antibody SIT-01 reacts with an intracellular epitope of SHP2-interacting transmembrane adaptor protein (SIT) expressed exclusively in lymphoid organs. It weakly crossreacts with murine SIT.	
Other names	SIT1	
Immunogen	Bacterially produced recombinant intracellular fragment of human SIT.	
Entrez Gene ID	27240	
Gene name	SIT1	
NCBI Full Gene Name	signaling threshold regulating transmembrane adapt	
UniProt ID	Q9Y3P8	
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	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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