



Technical Data Sheet

Product	<b>Anti-SIT Alexa Fluor® 647</b>		
Cat. Number/Size	<b>A6-345-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	Alexa Fluor® 647		
Reactivity	Human		
Application	FC-IC (QC tested)		
Application details	Flow cytometry: Recommended dilution: 0.5-4 µg/ml. Intracellular staining.		
Excitation laser	red (633 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 Alexa Fluor® 647 NHS ester under optimum conditions and 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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