



	Technical Data Sheet	
Product	Anti-CD3 zeta APC	
Cat. Number/Size	1A-568-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD3 zeta	
Clone	H146-968	
Format	APC	
Reactivity	Mouse, Human	
Application	FC-IC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 2-5 µg/ml. Intracellular staining.	
Excitation laser	red (633 nm)	
Isotype	Armenian Hamster IgG2 kappa	
Specificity	The Armenian hamster antibody H146-968 reacts with an intracellular epitope (amino acids 151-164) of CD3 zeta chain (CD247), which is a component of TCR/CD3 complex expressed on T cells.	
Other names	CD3 zeta chain, CD247, T3Z, TCRz, IMD25	
Immunogen	Synthetic peptide corresponding to amino acids 151-164 of mouse CD3 zeta.	
Entrez Gene ID	919	
Gene name	CD247	
NCBI Full Gene Name	CD247 molecule	
UniProt ID	P20963	
Concentration	0.1 mg/ml	
Preparation	Purified antibody is conjugated with activated allophycocyanin (APC) 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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