



Technical Data Sheet

Product	Anti-Hu CD3 zeta (pY142) Alexa Fluor® 647		
Cat. Number/Size	A6-730-C100	0.1 mg	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	CD3 zeta (pY142)		
Clone	EM-54		
Format	Alexa Fluor® 647		
Reactivity	Human, Mouse		
Application	FC (QC tested)		
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.		
Excitation laser	red (633 nm)		
Isotype	Mouse IgG1		
Specificity	The mouse monoclonal antibody EM-54 recognizes phosphorylated intracellular tyrosine 142 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	CP1 (pTyr142) - KLH		
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 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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