



	Technical Data Sheet	
Product	Anti-Hu CD3 zeta (pY142) Purified	
Cat. Number/Size	11-730-C025	0.025 mg
	11-730-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD3 zeta (pY142)	
Clone	EM-54	
Format	Purified	
Reactivity	Human, Mouse	
Application	FC (QC tested), WB	
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining. Western blotting: Recommended dilution: 1 µg/ml; non-reducing conditions.	
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	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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