

Technical Data Sheet

Product **Anti-Hu CD3 zeta (pY72) Alexa Fluor® 647**

Cat. Number/Size **A6-712-C100 0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD3 zeta (pY72)
Clone	EM-26
Format	Alexa Fluor® 647
Reactivity	Mouse, Human
Application	FC (QC tested), ICC
Application details	Flow cytometry: Intracellular staining; recommended dilution: 2-6 µg/ml; positive control: Jurkat cells treated with pervanadate, T-cells from lymph nodes of OT-1 mouse treated with pervanadate.
Excitation laser	red (633 nm)
Isotype	Mouse IgG2b
Specificity	The mouse monoclonal antibody EM-26 recognizes phosphorylated intracellular tyrosine 72 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	A phospho specific peptide corresponding to the amino acids surrounding tyrosine 72 of mouse CD3 zeta linked to KLH
Entrez Gene ID	919
Gene name	CD247
NCBI Full Gene Name	CD247 molecule
UniProt ID	P20963

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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.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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