

Technical Data Sheet

Product **Anti-CD3 zeta PE-Cy™7**  
Cat. Number/Size **T7-568-C100** **0.1 mg**  
**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD3 zeta
Clone	H146-968
Format	PE-Cy™7
Reactivity	Mouse, Human
Application	FC-IC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml. Intracellular staining.
Excitation laser	blue (488 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

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Concentration	0.1 mg/ml
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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