

Technical Data Sheet

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| Product | Anti-CD3 zeta PE | |
| Cat. Number/Size | 1P-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 |
| Reactivity | Mouse, Human |
| Application | FC (QC tested) |
| Application details | Flow cytometry: Recommended dilution: 1-5 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 R-phycoerythrin (PE) under optimum conditions. 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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