

Technical Data Sheet

Product	<b>Anti-Ms CD3 PE-Cy™7</b>	
Cat. Number/Size	<b>T7-578-C025</b>	<b>0.025 mg</b>
	<b>T7-578-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD3
Clone	145-2C11
Format	PE-Cy™7
Reactivity	Mouse
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml.
Excitation laser	blue (488 nm)
Isotype	Armenian Hamster IgG kappa
Specificity	The Armenian hamster monoclonal antibody 145-2C11 reacts with an extracellular epitope of murine CD3 (epsilon subunit). This antibody is commonly used as a phenotypic marker for murine T cells.
Other names	CD3E, T3E, TCRE
Immunogen	Mouse BM10-37 cytotoxic T lymphocytes
Entrez Gene ID	12501
Gene name	CD3E
NCBI Full Gene Name	CD3 antigen, epsilon polypeptide
UniProt ID	P22646

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Concentration	0.5 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	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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