

Technical Data Sheet

Product	<b>Anti-Hu CD3 Pacific Orange™</b>	
Cat. Number/Size	<b>PO-514-T025</b>	<b>25 tests</b>
	<b>PO-514-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD3
Clone	UCHT1
Format	Pacific Orange™
Reactivity	Non-human primates, Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	violet (405 nm)
Isotype	Mouse IgG1
Specificity	The antibody UCHT1 recognizes the CD3 antigen of the TCR/CD3 complex on mature human T cells. The UCHT1 antibody reacts with the epsilon chain of the CD3 complex.
Other names	CD3E, T3E, TCRE
Workshop	HLDA I: WS Code T 3; HLDA III: WS Code T 126; HLDA III: WS Code T 471; HLDA VI: WS Code T 6T-CD3.1
Immunogen	human thymocytes followed by Sezary T cells

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Preparation	The purified antibody is conjugated with Pacific Orange™ under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

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

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