



	Technical Data Sheet	
Product	Anti-Hu TROP2 PE-Cy™7	
Cat. Number/Size	T7-898-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	TROP2	
Clone	TrMab-6	
Format	PE-Cy™7	
Reactivity	Pig, Human	
Negative species	Mouse	
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 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2b kappa	
Specificity	The mouse monoclonal antibody TrMab-6 recognizes an extracellular epitope of TROP2, a type I transmembrane glycoprotein. This antibody is usefull for detection of TROP2 in breast cancer.	
Other names	TACSTD2, EGP1, GP50, M1S1, GA733-1	
Immunogen	TROP2-transfected CHO cells	
Entrez Gene ID	4070	
Gene name	TACSTD2	
NCBI Full Gene Name	tumor associated calcium signal transducer 2	
UniProt ID	P09758	
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.	
Images and References	www.exbio.cz	

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