



	Technical Data Sheet	
Product	Anti-EGFR PE-Cy™7	
Cat. Number/Size	T7-680-T025	25 tests
	T7-680-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	EGFR	
Clone	EGFR1	
Format	PE-Cy™7	
Reactivity	Horse, Human	
Negative species	Mouse, Rat	
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 EGFR1 reacts with extracellular domain of human protein kinase EGFR (ErbB1 / HER1); epitope within amino acids 6-273.	
Other names	EGF-R, Her1, ERBB1, PIG61, NISBD2	
Immunogen	Human epidermoid carcinoma line A431	
Entrez Gene ID	1956	
Gene name	EGFR	
NCBI Full Gene Name	epidermal growth factor receptor	
UniProt ID	P00533	
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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