

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
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	The purified antibody is conjugated with tandem dye PE-Cy™7 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM 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.

Images and References	www.exbio.cz
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