



Technical Data Sheet

Product	<b>Anti-EGFR Alexa Fluor® 488</b>	
Cat. Number/Size	<b>A4-680-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

Antigen	EGFR
Clone	EGFR1
Format	Alexa Fluor® 488
Reactivity	Horse, Human
Negative species	Mouse, Rat
Application	ICC, FC (QC tested), IHC-F
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	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 Alexa Fluor® 488 NHS ester 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	<a href="http://www.exbio.cz">www.exbio.cz</a>
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