

Technical Data Sheet

Product	Anti-Hu HER3 PE-Cy™7
Cat. Number/Size	T7-901-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	HER3
Clone	H3Mab-17
Format	PE-Cy™7
Reactivity	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 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 IgG2a kappa
Specificity	The mouse monoclonal antibody H3Mab-17 recognizes an extracellular epitope on human HER3 (erbB3), a member of EGFR family of receptor tyrosine kinases, which is overexpressed in many cancers.
Other names	ERBB3, FERLK, LCCS2
Immunogen	HER3-transfected CHO cells
Entrez Gene ID	2065
Gene name	ERBB3
NCBI Full Gene Name	erb-b2 receptor tyrosine kinase 3
UniProt ID	P21860

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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