



	Technical Data Sheet	
Product	Anti-Hu CD340 PE	
Cat. Number/Size	1P-832-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD340	
Clone	24D2	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody 24D2 recognizes an extracellular epitope of human CD340 (HER-2), a type I transmembrane protein expressed by mesenchymal stem cells, B-lymphoblastic leukemia cells, subsets of C-ALL blasts, and various types of carcinomas.	
Other names	ERBB2, NEU, NGL, HER2, TKR1, MLN 19	
Workshop	HCDM listed	
Immunogen	NIH-3T3/huCD340 cells	
Entrez Gene ID	2064	
Gene name	ERBB2	
NCBI Full Gene Name	erb-b2 receptor tyrosine kinase 2	
UniProt ID	P04626	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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