



Technical Data Sheet

Product	Anti-Hu CD340 Alexa Fluor® 647	
Cat. Number/Size	A6-832-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD340
Clone	24D2
Format	Alexa Fluor® 647
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	red (633 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 Alexa Fluor® 647 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	www.exbio.cz

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