



Technical Data Sheet

Product	Anti-Hu CD20 PE-DyLight™ 594	
Cat. Number/Size	T5-638-T025	25 tests
	T5-638-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD20	
Clone	2H7	
Format	PE-DyLight™ 594	
Reactivity	Human, Non-human primates	
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 2H7 recognizes an extracellular epitope on CD20 (B1, Bp35), a 33-37 kDa non-glycosylated membrane receptor with four transmembrane domains, expressed on pre-B lymphocytes, resting and activated B cells (not plasma cells), follicular dendritic cells, and at low levels on peripheral blood T lymphocytes.	
Other names	B1, S7, MS4A, Bp35, CVID5, LEU-16	
Workshop	HLDA IV: WS Code B201	
Immunogen	Human tonsillar B cells	
Entrez Gene ID	931	
Gene name	CD20	
NCBI Full Gene Name	MS4A1	
UniProt ID	P11836	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-DyLight™ 594 (PE-DyLight™ 594) 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	

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at www.exbio.cz. EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.

DyLight™ is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

This product is provided under an intellectual property license from Thermo Fisher Scientific. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Thermo Fisher Scientific, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.