

Technical Data Sheet

Product	Anti-Hu CD307b PE	
Cat. Number/Size	1P-859-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD307b
Clone	B24
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 IgG2a kappa
Specificity	The mouse monoclonal antibody B24 recognizes an extracellular epitope of CD307b, a transmembrane glycoprotein expressed mainly in mature and memory B cells.
Other names	FcRL2, FcRH2, IFGP4, IRTA4, SPAP1
Workshop	HLDA IX
Immunogen	DNA-immunization followed by a boost with CD307b transfected cells
Entrez Gene ID	79368
Gene name	FCRL2
NCBI Full Gene Name	Fc receptor like 2
UniProt ID	Q96LA5

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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