



	Technical Data Sheet	
Product	Anti-Hu SUS D2 PE	
Cat. Number/Size	1P-835-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	SUSD2	
Clone	W5C5	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: Recommended dilution: 2-5 µg/ml	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody W5C5 recognizes an extracellular epitope of SUSD2, a type I transmembrane protein expressed on mesenchymal stem-like cells. This antibody selectively binds to a MSCs in both bone marrow and endometrium or tonsil, and can be used for their identification and isolation.	
Immunogen	WERI-RB-1 retinoblastoma cells	
Entrez Gene ID	56241	
Gene name	SUSD2	
NCBI Full Gene Name	sushi domain containing 2	
UniProt ID	Q9UGT4	
Concentration	0.1 mg/ml	
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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