



	Technical Data Sheet	
Product	Anti-HLA-DR1 (empty) PE	
Cat. Number/Size	1P-435-C025	0.025 mg
	1P-435-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	HLA-DR1 (empty)	
Clone	MEM-267	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The antibody MEM-267 stains immature dendritic cells that express empty cell surface MHC molecules, but not cells that express predominantly peptide loaded forms. Recommended dilution: 1-5 µg/ml.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2b	
Specificity	The antibody MEM-267 specifically binds extracellularly to the empty but not peptide-loaded form of HLA-DR1. DR is the isotypes of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).	
Immunogen	Purified, insoluble DR1 beta chain (DRB1*0101) expressed in E. coli inclusion bodies.	
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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