

Technical Data Sheet

Product	<b>Anti-HLA-DR1 (empty) PE</b>	
Cat. Number/Size	<b>1P-435-C025</b>	<b>0.025 mg</b>
	<b>1P-435-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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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.

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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.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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