



	Technical Data Sheet	
Product	Anti-HLA-E Biotin	
Cat. Number/Size	1B-397-C025	0.025 mg
	1B-397-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	HLA-E	
Clone	MEM-E/07	
Format	Biotin	
Reactivity	Human	
Application	FC (QC tested), IP, IHC-P	
Application details	Flow cytometry: Recommended dilution: 1-12 µg/ml	
Isotype	Mouse IgG1	
Specificity	The antibody MEM-E/07 recognizes an extracellular epitope on native surface-expressed HLA-E, but not denaturated heavy chain of HLA-E. HLA-E belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on many types of the human cells. The published results revealed that the antibody cross-reacts with some classical MHC Class I molecules (MHC Class Ia): HLA-B7 (strongly), HLA-B8 (moderately), HLA-B27, -B44 (weakly).	
Other names	HLA class I histocompatibility antigen, alpha chain E, MHC class I antigen E	
Immunogen	Bacterially expressed recombinant HLA-E refolded with beta2-microglobulin and peptide.	
Entrez Gene ID	3133	
Gene name	HLA-E	
NCBI Full Gene Name	major histocompatibility complex, class I, E	
UniProt ID	P13747	
Concentration	1 mg/ml	
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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