

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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