

Technical Data Sheet

Product

**Anti-HLA-E Purified**

Cat. Number/Size

**11-393-C025**

**0.025 mg**

**11-393-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	HLA-E
Clone	MEM-E/06
Format	Purified
Reactivity	Non-human primates, Human
Application	FC (QC tested), IP, IHC(P)
Isotype	Mouse IgG1
Specificity	The antibody MEM-E/06 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 showed that the antibody cross-reacts with some classical MHC Class I molecules (HLA-A3, -A11, -B7). However, the recent Workshop I Session on the 3rd International Conference on HLA-G (Paris, July 2003) confirmed that the antibody exhibits much broader cross-reactivity classical MHC Class I antigens, namely with HLA-A24, -A32, -B8, -B15, -B27, -B35, -B44, -B54, -C3, -C4, -C5, -C7.
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

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Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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