

Product datasheet for **AM03001PU-N**

HLAE (HLA-E) Mouse Monoclonal Antibody [Clone ID: MEM-E/08]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MEM-E/08
Applications:	FC, IP
Recommended Dilution:	Flow Cytometry: 4 µg/ml. Positive control: human cell line LCL 721.221 (HLA-E transfected). Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Bacterially expressed recombinant HLA-E refolded with beta2-microglobulin and peptide
Specificity:	The antibody MEM-E/08 recognized native surface-expressed HLA-E, but not denatured heavy chain of HLA-E. The published results revealed that antibody is remarkably specific for HLA-E, only with weak cross-reactivity with following classical MHC Class I molecules (MHC Class Ia): HLA-A24, -B7, -B27, -B51, -B54, -C7.
Formulation:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4 State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A-affinity chromatography (purity > 95% by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	major histocompatibility complex, class I, E
Database Link:	Entrez Gene 3133 Human P13747



[View online »](#)

Background: HLA-E belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on many types of the human cells.

Synonyms: HLA-6.2, HLAE, MHC class I antigen E