### Product datasheet for AM03010BT-N

**HLAE (HLA-E) Mouse Monoclonal Antibody [Clone ID: MEM-E/07]**

**Product data:**

- **Product Type:** Primary Antibodies
- **Clone Name:** MEM-E/07
- **Applications:** FC, IHC
- **Recommend Dilution:** Flow cytometry: 2 µg/ml as starting dilution.
- **Reactivity:** Human
- **Host:** Mouse
- **Isotype:** IgG1
- **Clonality:** Monoclonal
- **Immunogen:** Bacterially expressed recombinant HLA-E refolded with beta2-microglobulin and peptide
- **Specificity:** This antibody recognized native surface-expressed HLA-E, but not denatured 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).
- **Formulation:** Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
  - Label: Biotin
  - State: Liquid purified Ig fraction
  - Label: Conjugated with -LC-NHS under optimum conditions. The reagent is free of unconjugated biotin
- **Concentration:** Lot specific
- **Conjugation:** Biotin
- **Storage:** Store the antibody undiluted at 2 - 8 °C. DO NOT FREEZE!
- **Stability:** Shelf life: one year from despatch.
- **Database Link:** Entrez Gene 3133 Human
- **Synonyms:** HLA-6.2, HLA-E, MHC class I antigen E

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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
Immunohistochemistry staining of human spleen (paraffin sections) with anti-HLA-E (clone MEM-E/07).

Surface staining of HLA-E transfectants with anti-HLA-E (clone MEM-E/07) biotin, streptavidin-APC.