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## HLA-E Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251641

**Unit:** 0.1 mg

**Description:**

HLA class I histocompatibility antigen, alpha chain E (HLA-E) belongs to the HLA class I heavy chain paralogues. HLA-E is a class I molecule heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. HLA-E binds a restricted subset of peptides derived from the leader peptides of other class I molecules. It is one of a family of molecules known as MHC class Ib and has a very specialized role in cell recognition by NK cells (Natural Killer). HLA-E is very highly conserved and presents a small repertoire of peptides of various origins.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, P, R

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 0.1 mg/ml with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

**Alternate Names:** HLA-E; HLA class I histocompatibility antigen, alpha chain E; MHC class I antigen E; HLA-6.2; HLAE

**Accession No.:** P13747

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human HLA-E.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.