

## HLA-E

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 40kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human HLA-E

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MHC; QA1; EA1.2; EA2.1; HLA-6.2;

**Catalog #:** A8429

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3133

**Isotype:** IgG

**Swiss Prot:** P13747

**Purity:** Affinity purification

For research use only.

**Background:**

HLA-E belongs to the HLA class I heavy chain paralogues. This class I molecule is a 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. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail.

**To place an order, please [Click HERE](#).**