

HLA-E Antibody

Lot Number: QF2038622B

Product Data Sheet

Tested Species Reactivity

Human (Hu)

Tested Applications

Western Blot (WB)

1:5000-1:20,000

Immunohistochemistry (Paraffin) (IHC (P))

1:100-1:1000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details

| | |
|------------------------|--|
| Catalog Number: | PA5-30600 |
| Size: | 100 µL |
| Class: | Polyclonal |
| Type: | Antibody |
| Clone: | |
| Host / Isotype: | Rabbit / IgG |
| Immunogen: | Recombinant fragment corresponding to a region within amino acids 1 and 358 of Human HLA-E |

Form Information

| | |
|----------------------------|--------------------------------------|
| Form: | Liquid |
| Concentration: | 1mg/ml |
| Purification: | Antigen affinity chromatography |
| Storage Buffer: | PBS, pH 7, with 1% BSA, 20% glycerol |
| Preservative: | 0.01% thimerosal |
| Storage Conditions: | -20° C, Avoid Freeze/Thaw Cycles |

Product Specific Information

PA5-30600 targets HLA-E in IHC (P) and WB applications and shows reactivity with Human samples.

The PA5-30600 immunogen is recombinant fragment corresponding to a region within amino acids 1 and 358 of Human HLA-E.

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General Information

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.

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