

## Major Histocompatibility Complex Class I E (HLA-E) Antibody (Biotin)

Catalogue No.: abx139499

HLA-E Antibody is a Mouse Monoclonal against HLA-E.

<b>Target:</b>	Major Histocompatibility Complex Class I E (HLA-E)
<b>Clonality:</b>	Monoclonal
<b>Clone:</b>	Q331
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	IHC, FCM, IP
<b>Host:</b>	Mouse
<b>Recommended dilutions:</b>	Validated in IHC-P. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Biotin
<b>Immunogen:</b>	Bacterially expressed recombinant HLA-E refolded with beta2-microglobulin and peptide.
<b>Isotype:</b>	IgG <sub>1</sub>
<b>Storage:</b>	Store at 2-8°C. Do not freeze.
<b>UniProt Primary AC:</b>	P13747 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	HLA-E
<b>GeneID:</b>	<a href="#">3133</a>
<b>KEGG:</b>	hsa:3133
<b>String:</b>	<a href="#">9606.ENSP00000365817</a>
<b>Buffer:</b>	PBS solution with 15 mM sodium azide.

# Datasheet

Version: 2.0.0

Revision date: 13 Aug 2025

**Specificity:**

The antibody recognized native surface-expressed HLA-E, but not denaturated 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).

**Concentration:**

1 mg/ml

**Note:**

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