

Product datasheet

Anti-HLA E antibody [MEM-E/08] ab11821

★★★★★ [1 Abreviews](#) [8 References](#)

Overview

Product name	Anti-HLA E antibody [MEM-E/08]
Description	Mouse monoclonal [MEM-E/08] to HLA E
Host species	Mouse
Specificity	The antibody recognized native surface-expressed HLA E, but not denaturated heavy chain of HLA E. The published results revealed that antibody is remarkably specific for HLA E, only with weak cross-reactivity with following classical MHC Class I molecules: HLA A24, B7, B27, B51, B54, C7.
Tested applications	Suitable for: IP, Flow Cyt, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human HLA E.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Protein A purified
Purification notes	Purified from hybridoma culture supernatant by protein A-affinity chromatography.
Clonality	Monoclonal
Clone number	MEM-E/08
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab11821 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
Flow Cyt	★★★★★ (1)	Use at an assay dependent concentration. Tested on HLA-E transfected human cell line LCL 721.221. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration.

Target

Relevance

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.

Cellular localization

Membrane; Single-pass type I membrane protein

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