

HLA-ABC Monoclonal Antibody (MEM-147)

Catalog Number MA1-19151

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	<div><div>Tested Applications</div><div>Dilution *</div></div>	
Class	Monoclonal		
Type	Antibody		
Clone	MEM-147		
Immunogen	PHA-activated peripheral blood lymphocytes.	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Protein A		
Storage buffer	PBS, pH 7.4		
Contains	15mM sodium azide		
Storage Conditions	4° C, do not freeze		

Product specific information

Western Blot: non-reducing conditions.

Background/Target Information

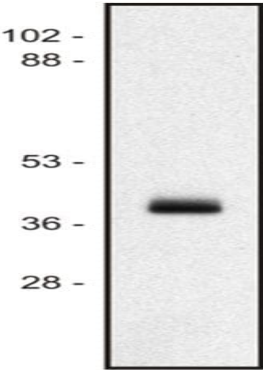
HLA-class I major histocompatibility (MHC) antigens are intrinsic membrane glycoproteins expressed on nucleated cells and noncovalently associated with an invariant beta2 microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells, thus important for anti-viral and anti-tumor defense. Human HLA-class I antigens are represented by HLA-A, HLA-B and HLA-C molecules. HLA and MHC antibodies play a significant role in Immunoepitidomics, facilitating the identification and characterization of neoantigens through high-performance liquid chromatography coupled to tandem Mass Spectrometry.

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HLA-ABC Antibody (MA1-19151) in WB
Western blotting analysis of human Ramos B cell line lysate (1% laurylmaltoside); non-reduced sample, immunostained by MEM-147 Monoclonal antibody (Product # MA1-19151) and goat anti-mouse IgG (H+L)-HRP conjugate.

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