Datasheet: MCA81P BATCH NUMBER 157911

Description:	MOUSE ANTI HUMAN HLA ABC:HRP
Specificity:	HLA ABC
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	W6/32
lsotype:	lgG2a
Quantity:	0.1 mg

Product Details

Applications	This product has been reported to work in the following applications. This information derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit <u>www.bio-rad-antibodies.com/protocols</u> .						
		Yes	No	Not Determined	Suggested Dilution		
	Flow Cytometry						
	Immunohistology - Frozen (1)	•					
	Immunohistology - Paraffin		•				
	ELISA			•			
	Immunoprecipitation						
	Western Blotting			•			
	 Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls. (1)The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Bio-Rad recommends the use of acetone fixation for frozen sections. 						
Target Species	Human						
Species Cross Reactivity	Reacts with: Macaque, Bovine, Cynomolgus monkey, Baboon, Rhesus Monkey, Chimpanzee, Gorilla, Shrew Does not react with:Goat, Dog, Guinea Pig, Rabbit, Mouse, Chicken, Amphibia N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for						

	further information.		
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid		
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	0.01% Thiomersal		
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml		
Immunogen	Purified human tonsil lymphocyte membranes.		
RRID	AB_567132		
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS1/1-Ag4.1 myeloma cell line.		
Specificity	Mouse anti Human HLA ABC antibody, clone W6/32 recognizes an antigenic determinant shared among products of the HLA A, B and C loci. Clone W6/32 recognizes a conformational epitope, reacting with HLA class I alpha3 and alpha2 domains. The major histocompatibility complex (MHC) is a cluster of genes that are important in the immune response to infections. In humans, this complex is referred to as the human leukocyte antigen (HLA) region. There are 3 major MHC class I proteins encoded by the HLA which are HLA A, HLA B and HLA C. These proteins are found on the surface of almost all nucleated somatic cells.		
Histology Positive Control Tissue	Tonsil		
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Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.
	Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10094 available at: https://www.bio-rad-antibodies.com/SDS/MCA81P 10094

Related Products

Recommended Useful Reagents

AbGUARD® HRP STABILIZER PLUS (BUF052A) AbGUARD® HRP STABILIZER PLUS (BUF052B) AbGUARD® HRP STABILIZER PLUS (BUF052C)

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	Email: antibody_sales_us@bio-rad	.com	Email: antibody_sales_uk@bio-rad	.com	Email: antibody_sales_de@bio-rad.com

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Printed on 08 Mar 2024

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