

Datasheet: MCA81PB

Description:	MOUSE ANTI HUMAN HLA ABC:Pacific Blue®		
Specificity:	HLA ABC		
Format:	Pacific Blue®		
Product Type:	Monoclonal Antibody		
Clone:	W6/32		
Isotype:	IgG2a		
Quantity:	100 TESTS/1ml		

Product Details

Applications

This product has been reported to work in the following applications. This information is 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 www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	•			Neat

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species	Human						
Species Cross	Reacts with: Macaque, Bovine, Cynomolgus monkey, Baboon, Rhesus Monkey,						
Reactivity	Chimpanzee, Gor	rilla, Shrew					
	Does not react wi	th:Goat, Dog, Guinea Pig,	Rabbit, Mouse, Ch	icken, Amphibia			
	N.B. Antibody rea	activity and working conditi	ons may vary betwe	een species. Cross			
	reactivity is derive	ed from testing within our la	aboratories, peer-re	viewed publications or			
	personal commur	nications from the originate	ors. Please refer to r	references indicated fo			
	further information	J					
Product Form	Purified IgG coniu	ıgated to Pacific Blue - liqı	uid				
	r united 199 conju	.g 2					
Max Ex/Em	Fluorophore	Excitation Max (nm))			
Max Ex/Em	,	1)			
Max Ex/Em Preparation	Fluorophore Pacific Blue®	Excitation Max (nm)	Emission Max (nm 455				

Buffer Solution	Phosphate buffered saline
Bullet Solution	Priospriate bullered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.05 mg/ml
Immunogen	Purified human tonsil lymphocyte membranes.
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.
	Mouse anti Human HLA ABC antibody, clone W6/32 is routinely tested in flow cytometry on human peripheral blood lymphocytes.
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul
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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. This product is photosensitive and should be protected from light.

Guarantee

12 months from date of despatch

Acknowledgements

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Health And Safety Information

Material Safety Datasheet documentation #10041 available at:

https://www.bio-rad-antibodies.com/SDS/MCA81PB

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Regulatory For research purposes only

Related Products

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL:Pacific Blue® (MCA929PB)

Recommended Useful Reagents

HUMAN SEROBLOCK (BUF070A) HUMAN SEROBLOCK (BUF070B)

North & South Tel: +1 800 265 7376

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