

Datasheet: MCA81P750

Description:	MOUSE ANTI HUMAN HLA ABC:RPE-Alexa Fluor® 750
Specificity:	HLA ABC
Format:	RPE-ALEXA FLUOR® 750
Product Type:	Monoclonal Antibody
Clone:	W6/32
Isotype:	IgG2a
Quantity:	100 TESTS

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 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 RPE-Alexa Fluor 750 - lyophilized					
Reconstitution	Reconstitute with 1.0 ml distilled water					
	Care should be taken during reconstitution as the protein may appear as a film at the					
	bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.					
Max Ex/Em	Fluorophore Excitation Max (nm) Emission Max (nm)					

	RPE-Alexa Fluor®750 488nm laser	496	779				
	RPE-Alexa Fluor®750 561nm laser	546	779				
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant						
Buffer Solution	Phosphate buffered saline						
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 5% Sucrose						
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 10 ⁶ cells in 100ul						
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Storage

Prior to reconstitution store at +4°C.

After reconstitution store at +4°C.

DO NOT FREEZE. This product should be stored undiluted. 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 #20487 available at: https://www.bio-rad-antibodies.com/SDS/MCA81P750 20487

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

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Printed on 19 Oct 2023

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