

Datasheet: MCA81SBV670

Description:	MOUSE ANTI HUMAN HLA ABC:StarBright Violet 670
Specificity:	HLA ABC
Format:	StarBright Violet 670
Product Type:	Monoclonal Antibody
Clone:	W6/32
Isotype:	lgG2a
Quantity:	100 TESTS/0.5ml

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: Macaqu Chimpanzee, Gorilla	ie, Bovine, Cynomolgu , Shrew	s monkey, Baboon, l	Rhesus Monkey,
		Goat, Dog, Guinea Pig,		
	reactivity is derived f	vity and working condit rom testing within our l itions from the originato	aboratories, peer-re	viewed publications or
Product Form	Purified IgG conjuga	ted to StarBright Violet	670 - liquid	
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)	
	StarBright Violet 670	401	667	_
Preparation	Purified IgG prepare	d by affinity chromatog	raphy on Protein G f	from tissue culture

supernatant

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	 0.09% Sodium Azide (NaN₃) 1% Bovine Serum Albumin 0.1% Pluronic F68 0.1% PEG 3350 0.05% Tween 20
Approx. Protein Concentrations	For information on the concentration of our StarBright Dye conjugated reagents please visit our <u>FAQ</u> page.
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 5µl of the suggested working dilution to label 10 ⁶ cells in 100µl. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.
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Storage	This product is shipped at ambient temperature.
	Store at +4°C. DO NOT FREEZE.
	This product should be stored undiluted.
Guarantee	12 months from date of despatch
Acknowledgements	This product is covered by U.S. Patent No. 10,150,841 and related U.S. and foreign counterparts
Health And Safety	Material Safety Datasheet documentation #20471 available at:
Information	https://www.bio-rad-antibodies.com/SDS/MCA81SBV670
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

<u>HUMAN SEROBLOCK (BUF070A)</u> <u>HUMAN SEROBLOCK (BUF070B)</u>

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M441420:250523'

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