

Datasheet: MCA477SBUV400

Description:	MOUSE ANTI HUMAN HLA DP DQ DR:StarBright UltraViolet 400
Specificity:	HLA DP DQ DR
Format:	StarBright UltraViolet 400
Product Type:	Monoclonal Antibody
Clone:	WR18
Isotype:	IgG2a
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.

Farget Species	Human		
Product Form	Purified IgG conjugate	ed to StarBright UltraV	iolet 400 - liquid
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm
	StarBright UltraViolet 400	335	394
eparation	Purified IgG prepared supernatant	l by affinity chromatog	raphy on Protein G
fer Solution	Phosphate buffered s	aline	
	0.09% Sodium Azide	(NaN ₃)	
	1% Bovine Serum Alk		
eservative abilisers			

Fusion Partners Spleen cells from immunized BAI myeloma cell line.	_B/c mice were fused with cells from NS0 mouse
Immunogen Human HLA Class II (DP, DQ, DF	R).
Approx. Protein For information on the concentrations visit our <u>FAQ</u> page.	ion of our StarBright Dye conjugated reagents please

Mouse anti Human HLA DP DQ DR antibody, clone WR18 reacts with a monomorphic determinant common to DP, DQ and DR beta chains, which are expressed by antigen presenting cells, B cells, monocytes and activated T lymphocytes.

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 II proteins encoded by the HLA which are HLA DP, HLA DQ and HLA DR.

Flow Cytometry

Use 5µl of the suggested working dilution to label 10⁶ cells in 100µl. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.

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Storage	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
Information

Material Safety Datasheet documentation #20471 available at:
https://www.bio-rad-antibodies.com/SDS/MCA477SBUV400
20471

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

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 Tel: +1 800 265 7376
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M435814:250224'

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