

Datasheet: MCA2331PE

Description:	MOUSE ANTI HUMAN CD22:RPE
Specificity:	CD22
Other names:	BL-CAM
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	MEM-01
Isotype:	IgG1
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 - 1/10

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human		
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized		
Reconstitution	Reconstitute with 1 ml distilled water		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578
Preparation	Purified IgG prepared by ion-exchange chromatography from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide		
Stabilisers	1% Bovine Serum Albumin		
	5% Sucrose		
Immunogen	Burkitt's lymphoma cell line Raji		
External Database Links	UniProt: P20273 Related reagents		
	Entrez Gene:		

Synonyms	SIGLEC2
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Specificity	<p>Mouse anti Human CD22 antibody, clone MEM-01 recognizes the human CD22 cell surface antigen, a ~130/140 kDa glycoprotein expressed by cells of B lymphocyte lineage.</p> <p>CD22 is initially expressed cytoplasmically and subsequently on the cell surface during B cell maturation. It is lost upon terminal differentiation to plasma cells.</p>
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Flow Cytometry	Use 10ul of the suggested working dilution to label ⁶ cells in 100ul.
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Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Shelf Life	12 months from date of reconstitution.
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Health And Safety Information	Material Safety Datasheet documentation #10075 available at: 10075: https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:RPE \(MCA928PE\)](#)

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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