

## Datasheet: MCA2331PE

**BATCH NUMBER INN1612**

<b>Description:</b>	MOUSE ANTI HUMAN CD22:RPE
<b>Specificity:</b>	CD22
<b>Other names:</b>	BL-CAM
<b>Format:</b>	RPE
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	MEM-01
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human		
<b>Product Form</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized		
<b>Reconstitution</b>	Reconstitute with 1 ml distilled water		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	RPE 488nm laser	496	578
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide		
<b>Stabilisers</b>	1%	Bovine Serum Albumin	
	5%	Sucrose	

<b>Immunogen</b>	Burkitt's lymphoma cell line Raji
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P20273</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">933</a>    CD22    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	SIGLEC2
<b>RRID</b>	AB_566643
<b>Specificity</b>	<p><b>Mouse anti Human CD22 antibody, clone MEM-01</b> 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. Expression is lost upon terminal differentiation to plasma cells.</p>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label <sup>6</sup> cells in 100ul.
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20487 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2331PE">https://www.bio-rad-antibodies.com/SDS/MCA2331PE</a> 20487
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Negative Controls

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

### Recommended Useful Reagents

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

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

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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](https://bio-rad-antibodies.com/datasheets)  
'M375464:210104'

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