

Datasheet: MCA1809

Description:	MOUSE ANTI HUMAN CD22
Specificity:	CD22
Other names:	BL-CAM
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	FPC1
Isotype:	IgG1
Quantity:	1 ml

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			■	
Immunohistology - Frozen		■		
Immunohistology - Paraffin (1)	■			1/20 - 1/40
ELISA			■	
Immunoprecipitation			■	
Western Blotting			■	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.

Tris/EDTA buffer pH 8.0 is recommended for this purpose.

Target Species	Human
Product Form	Tissue Culture Supernatant - lyophilised
Reconstitution	Reconstitute with 1 ml distilled water
Preservative Stabilisers	15mM Sodium Azide
Immunogen	Recombinant human CD22.

External Database Links

UniProt:
[P20273](#) [Related reagents](#)

Entrez Gene:[933](#) [CD22](#) [Related reagents](#)

Synonyms	SIGLEC2
Fusion Partners	Spleen cells from immunised mice were fused with cells of the mouse p3-NS1-Ag4-1 myeloma cell line
Specificity	<p>Mouse anti Human CD22 antibody, clone FPC1 recognizes the human CD22 cell surface antigen, a ~130-140 kDa glycoprotein.</p> <p>CD22 is expressed within the cytoplasm at an early stage of B cell differentiation, but is expressed at the membrane only on mature B lymphocytes. CD22 expression is lost during terminal differentiation to plasma cell stages.</p>
Histology Positive Control Tissue	Tonsil
References	1. Gattenlöhner, S. <i>et al.</i> (2003) NCAM(CD56) and RUNX1(AML1) are up-regulated in human ischemic cardiomyopathy and a rat model of chronic cardiac ischemia. Am J Pathol. 163 (3): 1081-90.
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	<p>Material Safety Datasheet documentation available at:</p> <p>Material Safety Datasheet Documentation #10055 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Human Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#),
[DyLight@649](#), [DyLight@680](#), [DyLight@800](#),
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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