

Datasheet: MCA1808

Description:	MOUSE ANTI HUMAN CD21
Specificity:	CD21
Other names:	CR2
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	2G9
Isotype:	IgG2a
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	■			1/10 - 1/20
Immunohistology - Paraffin (1)	■			1/10 - 1/20
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. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Product Form	Tissue Culture Supernatant - liquid
Preservative Stabilisers	0.09% Sodium Azide
Immunogen	Recombinant human CD21.
External Database Links	<p>UniProt: P20023 Related reagents</p> <p>Entrez Gene: 1380 CR2 Related reagents</p>

Synonyms	C3DR
Fusion Partners	Spleen cells from immunised mice were fused with cells of the mouse p3-NS1-Ag4-1 myeloma cell line
Specificity	Mouse anti Human CD21 antibody, clone 2G9 recognizes the human CD21 cell surface antigen, a ~140 kDa glycoprotein. CD21 is expressed by mature B lymphocytes.
Histology Positive Control Tissue	Tonsil
References	<ol style="list-style-type: none"> 1. Kelten, C. <i>et al.</i> (2008) Secondary involvement of the breast in T-cell non-Hodgkin lymphoma, an unusual example mimicking inflammatory breast carcinoma. Arch Gynecol Obstet. 280:149-52. 2. Weber, B. <i>et al.</i> (2016) Distinct interferon-gamma and interleukin-9 expression in cutaneous and oral lichen planus. J Eur Acad Dermatol Venereol. Oct 1 [Epub ahead of print] 3. Willcox, A. <i>et al.</i> (2017) Germinal centre frequency is decreased in pancreatic lymph nodes from individuals with recent-onset type 1 diabetes. Diabetologia. Feb 17.. [Epub ahead of print]
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 despatch.
Health And Safety Information	Material Safety Datasheet documentation #10053 available at: 10053: https://www.bio-rad-antibodies.com/uploads/MSDS/10053.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR70...)	FITC
Human Anti Mouse IgG2a (HCA037...)	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

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL (MCA929)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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