

Datasheet: MCA2114

Description:	MOUSE ANTI HUMAN APOLIPOPROTEIN H
Specificity:	APOLIPOPROTEIN H
Other names:	BETA 2 GLYCOPROTEIN 1
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	ID2
Isotype:	IgG1
Quantity:	2 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			▪	
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. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive control.

Target Species	Human
Product Form	Tissue Culture Supernatant - liquid
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
External Database Links	<p>UniProt: P02749 Related reagents</p> <p>Entrez Gene: 350 APOH Related reagents</p>

Synonyms	B2G1
RRID	AB_2058273
Specificity	Mouse anti Human apolipoprotein H antibody, clone ID2 recognizes the human Apolipoprotein H molecule, also known as beta 2 glycoprotein 1, APC inhibitor, activated protein C-binding protein or anticardiolipin cofactor. Apolipoprotein H is expressed by placental trophoblast cells at high levels. Although the normal physiological role is not known, the protein appears to act as a co-factor for the binding of autoantibodies to phospholipids to trophoblasts, a process involved in the pathogenesis of recurrent miscarriage and thrombotic tendencies due to antiphospholipid syndrome .
Histology Positive Control Tissue	Placenta
References	<ol style="list-style-type: none"> 1. Mak, I.Y. <i>et al.</i> (2002) Regulated expression of signal transducer and activator of transcription, Stat5, and its enhancement of PRL expression in human endometrial stromal cells <i>in vitro</i>. J Clin Endocrinol Metab. 87 (6): 2581-8. 2. Vlachoyiannopoulos, P.G. <i>et al.</i> (2004) Anti-CD40 antibodies in antiphospholipid syndrome and systemic lupus erythematosus. Thromb Haemost. 92: 1303-11. 3. Lopez, D. <i>et al.</i> (2004) Oxidized low-density lipoprotein/beta2-glycoprotein I complexes and autoantibodies to oxLig-1/beta2-glycoprotein I in patients with systemic lupus erythematosus and antiphospholipid syndrome. Am J Clin Pathol. 121 (3): 426-36. 4. Goonetilleke, U.R. <i>et al.</i> (2012) Death is associated with complement C3 depletion in cerebrospinal fluid of patients with pneumococcal meningitis. mBio. 3 (2)Mar 13 [Epub ahead of print].
Further Reading	1. Chamley, L.W. <i>et al.</i> (2001) Is interleukin-3 important in antiphospholipid antibody-mediated pregnancy failure? Fertil Steril. 76 (4): 700-6.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10055 available at: 10055: https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP

Recommended Negative Controls

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

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

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