

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 product 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 product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Tissue culture supernatant - liquid
Preservative Stabilisers	< 0.1% sodium azide (NaN ₃)

External Database Links

UniProt:

[P02749](#) [Related reagents](#)

Entrez Gene:

[350](#) APOH [Related reagents](#)

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	Human 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: https://www.bio-rad-antibodies.com/SDS/MCA2114 10055
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC

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

'M418617:230427'

Printed on 27 Apr 2023

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