

Datasheet: MCA2114

BATCH NUMBER 160129

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	0.09% Sodium Azide

External Database Links

UniProt:

[P02749](https://www.uniprot.org/entry/P02749)

[Related reagents](#)

Entrez Gene:

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	<ol style="list-style-type: none">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	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. 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.
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

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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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