

Datasheet: MCA1986

BATCH NUMBER 149939

Description:	MOUSE ANTI HUMAN CD236
Specificity:	CD236
Other names:	GLYCOPHORIN C
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	BRIC4
Isotype:	IgG1
Quantity:	0.2 mg

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	▪			
Haemagglutination	▪			

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 controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared from tissue culture supernatant
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.09% Sodium Azide

Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Human erythrocytes.
External Database Links	<p>UniProt: P04921 Related reagents</p> <p>Entrez Gene: 2995 GYPC Related reagents</p>
Synonyms	GLPC, GPC
RRID	AB_323277
Specificity	<p>Mouse anti Human CD236 antibody, clone BRIC4 recognizes the erythrocyte transmembrane glycoprotein CD236, also known as glycophorin C (GPC). CD236 is an integral membrane protein which carries the Gerbich blood group antigens. Expression of CD236 is not restricted to erythroid cells, but is broadly distributed in both erythroid and non-erythroid tissues.</p> <p>Mouse anti Human CD236 antibody, clone BRIC4 specifically reacts with an epitope located within residues 2-21 of CD236.</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
References	<ol style="list-style-type: none"> 1. Anstee, D.J .<i>et al.</i> (1984) Two individuals with elliptocytic red cells apparently lack three minor erythrocyte membrane sialoglycoproteins. Biochem J. 218 (2): 615-9. 2. Dahr. W/ <i>et al.</i> (1989) High-frequency antigens of human erythrocyte membrane sialoglycoproteins. VI. Monoclonal antibodies reacting with the N-terminal domain of glycophorin C. Biol Chem Hoppe Seyler. 370 (8): 849-54.
Storage	<p>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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10057 available at: https://www.bio-rad-antibodies.com/SDS/MCA198610057
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
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 (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP

Recommended Negative Controls

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

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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
'M366048:200529'

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