

Datasheet: MCA1981T

BATCH NUMBER 160309

Description:	MOUSE ANTI HUMAN CD240DCE
Specificity:	CD240
Other names:	RHESUS 30
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	BRIC69
Isotype:	IgG1
Quantity:	25 µg

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 controls.

Target Species	Human
Product Form	Purified IgG - liquid
Buffer Solution	TRIS buffered glycine
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Human erythrocytes.

External Database Links	<p>UniProt: P18577 Related reagents</p> <p>Entrez Gene: 6006 RHCE Related reagents</p>
Synonyms	RHC, RHE
RRID	AB_1101607
Specificity	<p>Mouse anti Human CD240 antibody, clone BRIC69 recognizes human CD240, also known as Rh30, RhD and RhCE. Mouse anti Human CD240 antibody, clone BRIC69 recognizes erythrocytes of normal Rh types but does not recognise Rhnull erythrocytes.</p> <p>Mouse anti Human CD240 antibody, clone BRIC69 reacts with 31 kDa and 35-52 kDa proteins which were designated CD240DCE at the 7th leucocyte typing workshop.</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. Mouro-Chanteloup, I. <i>et al.</i> (2002) Cell-surface expression of RhD blood group polypeptide is posttranscriptionally regulated by the RhAG glycoprotein. Blood. 100 (3): 1038-47. 2. Mouro-Chanteloup, I. <i>et al.</i> (2003) Evidence that the red cell skeleton protein 4.2 interacts with the Rh membrane complex member CD47. Blood. 101 (1): 338-44.
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	<p>Material Safety Datasheet documentation #10072 available at: https://www.bio-rad-antibodies.com/SDS/MCA1981T</p> <p>10072</p>
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 \(MCA928\)](#)

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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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