

Datasheet: MCA1718C

Description:	MOUSE ANTI HUMAN CD38:RPE-Cy5
Specificity:	CD38
Format:	RPE-CY5
Product Type:	Monoclonal Antibody
Clone:	HIT2
Isotype:	IgG1
Quantity:	100 TESTS/2ml

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	▪			Neat

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to RPE - Cy5 - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	0.2% Bovine Serum Albumin

External Database

Links

UniProt:

[P28907](#) [Related reagents](#)

Entrez Gene:

[952](#) CD38 [Related reagents](#)

Specificity

Mouse anti Human CD38 antibody, clone HIT2 recognizes human ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, also known as CD38, 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase, ADP-ribosyl cyclase 1 or T10. CD38 is a 300 amino acid ~45 kDa single pass type II transmembrane glycoprotein expressed by activated T cells and by plasma cells.

Flow Cytometry

Use 20ul of the suggested working dilution to label 10⁶ cells or 100ul whole blood.

Storage Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 6 months from date of despatch.

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Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10041 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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