

Datasheet: DC028

Description:	MOUSE ANTI HUMAN CD10:FITC/CD19:RPE
Specificity:	CD10/CD19
Format:	FITC/RPE
Product Type:	Dual Color Reagent
Clone:	RXB-14/IG9
Isotype:	Cocktail
Quantity:	50 TESTS

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.

Antibody Isotypes

FITC reagent: IgG1 (MOUSE)
RPE reagent: IgG1 (MOUSE)

Target Species

Human

Product Form

Dual Colour combination consisting of FITC conjugated and RPE conjugated monoclonal antibodies mixed in optimal ratio - liquid

Max Ex/Em	Fluorophore	Emission Max (nm)	Excitation Max (nm)
	FITC	525	490
	RPE 488nm laser	578	496
	RPE 561nm laser	578	546

Buffer Solution

Phosphate buffered saline

Preservative

0.08% Sodium Azide

Stabilisers

0.2% Gelatin

External Database

Links

UniProt:

[P15391](#) [Related reagents](#)
[P08473](#) [Related reagents](#)

Entrez Gene:

[930](#) CD19 [Related reagents](#)

[4311](#) MME [Related reagents](#)

Synonyms	EPN
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Specificity	<p>Mouse anti Human CD10:FITC/CD19:RPE dual color reagent may be used to simultaneously enumerate CD10 and CD19 positive cells.</p> <p>Clone RXB-14 recognizes the human CD10 antigen, expressed by granulocytes, pre-B cells and by cALL cells, while clone IG9 recognizes the human CD19 antigen, a pan B cell marker.</p>
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Flow Cytometry	Use 10ul to label 10 ⁶ cells or 100ul whole blood.
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Storage	<p>Store at +4°C.</p> <p>DO NOT FREEZE.</p> <p>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.</p>
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Shelf Life	6 months from date of despatch.
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Health And Safety Information	<p>Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10050 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10050.pdf</p>
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Regulatory	For research purposes only
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Related Products

Recommended Negative Controls

[MOUSE IgG1:FITC/MOUSE IgG1:RPE NEGATIVE CONTROL \(DC012\)](#)

Recommended Useful Reagents

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

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

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