

Datasheet: MCA1719C

Description:	MOUSE ANTI HUMAN CD45:RPE-Cy5
Specificity:	CD45
Other names:	LCA
Format:	RPE-CY5
Product Type:	Monoclonal Antibody
Clone:	HI30
Isotype:	IgG1
Quantity:	100 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.

Target Species	Human
Species Cross Reactivity	Reacts with: Chimpanzee N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG conjugated to RPE - Cy5 - liquid
Preparation	Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.2% Bovine Serum Albumin
External Database Links	<p>UniProt: P08575 Related reagents</p> <p>Entrez Gene: 5788 PTPRC Related reagents</p>
Synonyms	CD45

Specificity **Mouse anti Human CD45 antibody, clone HI30** recognizes the human CD45 cell surface antigen, also known as the leukocyte common antigen.

CD45 is expressed by all leukocytes; expression on granulocytes being weaker than on lymphocytes.

Flow Cytometry Use 5ul 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 Please see label for expiry date.

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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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