

Datasheet: MCA6055PE

Description:	HAMSTER ANTI MOUSE CD84:RPE
Specificity:	CD84
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	mCD84.7
Isotype:	IgG
Quantity:	100 TESTS/0.5ml

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	■			1/8 - 1/20

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

Target Species	Mouse		
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578
Preparation	Purified IgG prepared by affinity chromatography		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)		
Immunogen	Mouse CD84-Fc fusion protein		
External Database Links	UniProt:		
	Q18PI6	Related reagents	
	Entrez Gene:		
	12523	Cd84	Related reagents
Synonyms	Slamf5		

Specificity	Hamster anti Mouse CD84 recognizes CD84 also known as SLAMF5 or Ly9b. CD84 is a member of the SLAM family which also contains CD150. CD84 is found on a number of immune cells including B cells, monocytes, thymocytes, T cells and platelets. Structural studies provided evidence of a role for CD84 in the interaction between antigen presenting cells and T cells (Yan et al. 2007).
Flow Cytometry	Use 10 µl of the suggested working dilution to label 1x10 ⁶ cells in 100ul
Further Reading	1. Yan Q <i>et al.</i> (2007) Structure of CD84 provides insight into SLAM family function. Proc Natl Acad Sci U S A. 104 (25): 10583-8.
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	18 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet documentation #10040 available at https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

[HAMSTER \(ARMENIAN\) IgG NEGATIVE CONTROL:RPE \(MCA2356PE\)](#)

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