

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	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>RPE 488nm laser</td> <td>496</td> <td>578</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE 488nm laser	496	578
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	<p>UniProt: Q18PI6 Related reagents</p> <p>Entrez Gene: 12523 Cd84 Related reagents</p>						
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 1x10⁶ cells in 100ul

Further Reading 1. Yan Q *et al.* (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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
10040: <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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