

Datasheet: MCA48P647

BATCH NUMBER 151230

Description:	MOUSE ANTI RAT CD8 ALPHA:RPE-Alexa Fluor® 647
Specificity:	CD8 ALPHA
Format:	RPE-ALEXA FLUOR® 647
Product Type:	Monoclonal Antibody
Clone:	OX-8
Isotype:	lgG1
Quantity:	100 TESTS/1ml

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.

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ite with 1.0	ml distilled water	
	1	Facilities May (
re	Excitation Max (nm)	Fueleniau May (
		Emission Max (nm
Fluor®647	496	667
r	100	
Fluor®647	546	667
r	040	
G prepared	by affinity chromatog	raphy on Protein A
nt	, , , ,	, ,
buffered sa	aline	
	r Fluor®647 r G prepared nt	r 496 Fluor®647 r 546 r G prepared by affinity chromatog

Preservative Stabilisers
Immunogen
F4

0.09% Sodium Azide

1% Bovine Serum Albumin

5% Sucrose

n

Rat thymocyte membrane glycoproteins.

External Database

Links

UniProt:

P07725 Related reagents

Entrez Gene:

24930 Cd8a Related reagents

RRID

AB 871983

Fusion Partners

Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.

Specificity

Mouse anti Rat CD8α, clone MRC OX-8, recognizes the rat CD8 alpha cell surface antigen, expressed by a subset of T lymphocytes, most thymocytes and the majority of NK cells.

Mouse anti Rat CD8α, clone MRC OX-8 is suitable for use in in vitro blocking studies (Popov et al.2001).

Mouse anti Rat CD8α, clone MRC OX-8 has been described reacting with paraffinembedded material following PLP Fixation (periodate-lysine paraformaldehyde) (Whiteland et al. 1995).

Mouse anti Rat CD8α, clone MRC OX-8 is routinely tested in flow cytometry on rat splenocytes.

Flow Cytometry

Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.

References

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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

Acknowledgements

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Health And Safety Information

Material Safety Datasheet documentation #20487 available at:

https://www.bio-rad-antibodies.com/SDS/MCA48P647

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