

Datasheet: MCA2559A647

Description:	MOUSE ANTI HUMAN CD263:Alexa Fluor® 647
Specificity:	CD263
Other names:	DcR1, TRAIL-R3
Format:	ALEXA FLUOR® 647
Product Type:	Monoclonal Antibody
Clone:	2B8
Isotype:	IgG1
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 - 1/10

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	Human		
Product Form	Purified IgG conjugated to Alexa Fluor® 647 - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Alexa Fluor®647	650	665
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide (NaN ₃)		
Stabilisers	1% Bovine Serum Albumin		
Approx. Protein Concentrations	IgG concentration 0.05mg/ml		
Immunogen	DcR1-Fc chimaeric protein.		
External Database Links	UniProt: O14798 Related reagents		

Entrez Gene:

[8794](#) TNFRSF10C [Related reagents](#)

Synonyms	DCR1, LIT, TRAILR3, TRID
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Fusion Partners	Lymph node cells from immunized mice were fused with cells of the P3U1 myeloma cell line
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Specificity	<p>Mouse anti Human CD263 antibody, clone 2B8 recognizes human CD263, a ~60 kDa cell surface protein, which is otherwise known as decoy receptor 1 (DcR1). CD263 is a member of the tumour necrosis factor (TNF) receptor superfamily that binds to TNF-related apoptosis inducing ligand (TRAIL). As the receptor does not possess cytoplasmic death domains it cannot induce apoptosis, but instead plays an important role in inhibiting TRAIL-induced apoptosis. CD263 is expressed in normal tissues including heart, skeletal tissues and peripheral blood neutrophils, but weakly expressed in tumour cells.</p> <p>The 2B8 antibody does not inhibit DcR1 (CD263) inhibitory function in TRAIL-induced apoptosis.</p>
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Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
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Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:Alexa Fluor® 647 \(MCA928A647\)](#)

Recommended Useful Reagents

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

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

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