

Datasheet: MCA2255XZ

Description:	RAT ANTI HUMAN CDw210a:Preservative Free		
Specificity:	CDw210a		
Other names:	IL-10R1		
Format:	Preservative Free		
Product Type:	Monoclonal Antibody		
Clone:	3F9		
Isotype:	lgG2a		
Quantity:	1 mg		

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.					
	recommendations, please	Yes	No	Not Determined	Suggested Dilution	
	Flow Cytometry (1)	•			1/100 - 1/200	
	Immunohistology - Frozen					
	Immunohistology - Paraffin					
	ELISA			•		
	Immunoprecipitation					
	Western Blotting	•				
	Functional Assays	-				
	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.					
	(1)Due to low expression of CDw210a, sensitive staining techniques may be required.					
Target Species	Human					
Product Form	Purified IgG - liquid					

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Preparation	Purified IgG prepared by affinity chromatography on Protein G from	tissue culture supernatant.
Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	None present	
Carrier Free	Yes	
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml	

Links UniProt: 013651 Related reagents Entrez Gene: 3587 IL10RA Related reagents Synonyms IL10R Fusion Partners Spleen cells from immunised Fisher rats were fused with cells of the mouse SP2/0 myeloma cell line. Specificity Rat anti Human CDw210a, clone 3F9 recognizes human CDw210a, a 90-110kD glycoprotein, also known as Interleukin-10 receptor 1 (IL-10R1). CDw210a is expressed on T cells, NK cells, monocytes and dendritic cells, although surface expression may be low. Recent work has reported an increase in intracellular expression of CDw210a during dendritic cell maturation, but a reduction in surface CDw210a expression, see Corinit. S. <i>et al.</i> for details. This clone is reported to function as a blocking and recommend the use of MCA2255XZ for functional studies, see Liu. Y. <i>et al.</i> for details. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul. References 1. Liu, Y. <i>et al.</i> (1997) The EBV IL-10 homologue is a selective agonist with impaired binding to the IL-10 receptor. J Immunol. 156 (2): 604-13. 2. O7#39;Farrell, A.M. <i>et al.</i> (1998) IL-10 inhibits macrophage activation and proliferation by distinct signaling mechanisms: evidence for Stat3-dependent and -independent pathways. EMBO. J. 17 (4): 1006-18. 3. Corinti, S. <i>et al.</i> (2001) Intracellular pool of IL-10 receptors in specific granules of human neutrophils: differential mobilization by proinflammatory mediators. J Immunol. 166 (1): 5201-7. 5. Fayette, J. <i>et al.</i> (1997) Human dendritic cells skew isotype switching of CD40-activated naive B cells	Immunogen	Soluble human CDw210a
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Rabbit Anti Rat IgG (STAR21)	HRP
Rabbit Anti Rat IgG (STAR17)	<u>FITC</u>
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71	.)DyLight®549, DyLight®649, DyLight®800
Goat Anti Rat IgG (STAR131)	Alk. Phos., Biotin
Goat Anti Rat IgG (STAR69)	<u>FITC</u>
Goat Anti Rat IgG (STAR72)	HRP

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Printed on 05 May 2018

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