

Datasheet: MCA5669

Description:	MOUSE ANTI HUMAN CD15
Specificity:	CD15
Other names:	LEWIS X
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	MCS-1
Isotype:	IgG3
Quantity:	0.2 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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	■			
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA			■	
Immunoprecipitation			■	
Western Blotting			■	

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.

Target Species	Human
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1mg/ml

Specificity

Mouse anti Human CD15 antibody, clone MCS-1 recognizes human CD15, otherwise known as Lewis X and stage-specific embryonic antigen-1 (SSEA-1). The CD15 antigen is itself a terminal trisaccharide, Gal-beta1-4 (Fuc-alpha1-3) GlcNAc (3-FAL), which is found on a variety of glycoproteins and glycolipids. CD15 is predominately expressed by peripheral blood granulocytes and various epithelial tissues. It plays an important role in cell adhesion and has been used as a

marker for diagnosis of Hodgkin's lymphoma.

Flow Cytometry	Use 20ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
References	1. Oxford University Press. (1998) . Leucocyte Typing IV. p798-810.
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10041 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC
Human Anti Mouse IgG3 (HCA039...)	FITC , HRP , RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP

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