

Datasheet: MCA4610T

Description:	MOUSE ANTI HUMAN CD15
Specificity:	CD15
Other names:	LEWIS X
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	HI98
Isotype:	IgM
Quantity:	25 µg

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	■			1/5 - 1/10
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
Species Cross Reactivity	Reacts with: Chimpanzee N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgM - liquid
Preparation	Ig fraction prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Ig concentration 0.5mg/ml

Specificity	Mouse anti Human CD15 antibody, clone HI98 recognises 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 (Zukerberg et al. 1991).
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul.
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 #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgM (STAR86...) [RPE](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)
Human Anti Mouse IgM (HCA040...) [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgM NEGATIVE CONTROL \(MCA692\)](#)

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