

Datasheet: MCA2656

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| Description: | MOUSE ANTI HUMAN CD15 |
| Specificity: | CD15 |
| Other names: | LEWIS X |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | Bu28 |
| Isotype: | IgM |
| 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 | ▪ | | | 1/100 - 1/200 |
| 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.

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| Target Species | Human |
| Product Form | Purified IgM - liquid |
| Preparation | Ig fraction prepared by ammonium sulphate precipitation |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |

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|---------------------------------------|--|
| Approx. Protein Concentrations | Ig concentration 1.0mg/ml |
| RRID | AB_1055605 |
| Specificity | Mouse anti Human CD15 antibody, clone Bu28 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. |
| Flow Cytometry | Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul. |
| References | 1. Oxford University Press. (1998) . Leucocyte Typing IV. p798-810. |
| Storage | This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. |
| Guarantee | 12 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 (STAR138...) [Alk. Phos.](#)
 Human Anti Mouse IgM (HCA040...) [FITC](#)
 Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Recommended Negative Controls

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

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|----------------------------------|---|------------------|---|---------------|---|
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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