

## Product Datasheet

### CD38 Human Monoclonal Antibody (FITC) (orb2973870)

|                      |                                                                                                                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number       | orb2973870                                                                                                                                                                                                                                                                        |
| Category             | Antibodies                                                                                                                                                                                                                                                                        |
| Description          | Anti-Human CD38 Antibody (BUCC2235), FITC is a human monoclonal antibody detecting Cyclic ADP-ribose hydrolase 1 in FCM. Suitable for Human. Highlights Flow Cytometry: Validated for flow cytometry applications. Fluorescent Label: Direct conjugate for streamlined workflows. |
| Clonality            | Monoclonal                                                                                                                                                                                                                                                                        |
| Species/Host         | Human                                                                                                                                                                                                                                                                             |
| Isotype              | IgG1, kappa                                                                                                                                                                                                                                                                       |
| Conjugation          | FITC                                                                                                                                                                                                                                                                              |
| Reactivity           | Human                                                                                                                                                                                                                                                                             |
| Form/Appearance      | Liquid                                                                                                                                                                                                                                                                            |
| Concentration        | Lot dependent                                                                                                                                                                                                                                                                     |
| Buffer/Preservatives | 0.01M PBS, pH 7.4, 0.2% rAlbumin, 0.05% Proclin 300.                                                                                                                                                                                                                              |
| UniProt ID           | <b>P28907</b>                                                                                                                                                                                                                                                                     |
| Tested applications  | FC                                                                                                                                                                                                                                                                                |
| Clone Number         | BUCC2235                                                                                                                                                                                                                                                                          |
| Endotoxins           | Please contact with the lab for this information.                                                                                                                                                                                                                                 |

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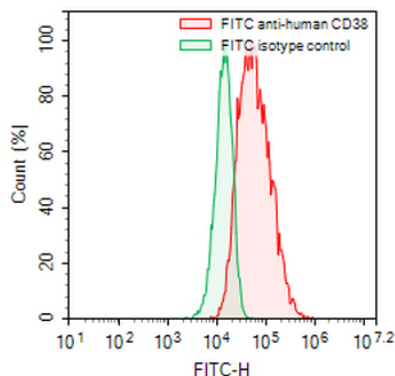
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|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only                                                                                                                   |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                         |



Flow-cytometry using FITC anti-human CD38 antibody. RPMI-8226 cells were stained with an irrelevant antibody (Green Histogram) or a FITC anti-human CD38 antibody monoclonal antibody (Catalog # orb2973870, Red Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, cells analysed on a NovoCyte Flow Cytometer.

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