

## PRODUCT INFORMATION

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| <b>Clone ID</b>                         | DMC444   |
| <b>Target</b>                           | BST1   |
| <b>Synonyms</b>                         | CD157  |
| <b>Host Species</b>                     | Rabbit   |
| <b>Description</b>                      | PE-conjugated Anti-BST1 antibody(DMC444); IgG1 Chimeric mAb  |
| <b>Delivery</b>                         | Under Development  |
| <b>Uniprot ID</b>                       | Q10588   |
| <b>IgG type</b>                         | Rabbit/Human Fc chimeric IgG1  |
| <b>Clonality</b>                        | Monoclonal   |
| <b>Reactivity</b>                       | Human  |
| <b>Applications</b>                     | Flow Cyt   |
| <b>Recommended Dilutions</b>            | Flow Cyt 1:100   |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography  |
| <b>Formulation &amp; Reconstitution</b> | Liquid□PBS with 0.05% Proclin300, 1% BSA   |
| <b>Storage &amp; Shipping</b>           | Store at 2°C-8°C for 6 months  |
| <b>Background</b>                       | Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33% similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be; at least in part; attributed to BST1 overexpression in the stromal cell population. |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | PE-conjugated  |
| <b>DIMA Disclaimer</b>                  | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.   |

