

Product datasheet for **AM08110RP-N**

B-Cells (subset) Mouse Monoclonal Antibody [Clone ID: BB6-10A10]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | BB6-10A10 |
| Applications: | FC |
| Recommended Dilution: | Flow Cytometry: < / = 0.2 µg/10e6 cells. (Ref.1-2) |
| Reactivity: | Porcine |
| Host: | Mouse |
| Isotype: | IgM |
| Clonality: | Monoclonal |
| Specificity: | <p>This antibody stains the following percentages of surface immunoglobulin (sIg) positive cells in porcine lymphoid tissues: 11-15% in peripheral blood; 22-23% in mesenteric lymph nodes; 79-87% in ileal Peyer's patches (ILPP); 6-17 in spleen; and 0% in thymus (Ref.1).</p> <p>While identification of the antigen(s) that are found predominantly on ILPP B cells and which are recognized by BB6-10A10 is speculative, the antibody appears to react with an immature population of B cells in the follicles of ILPPs and with a subpopulation of sIg_{low} B cells in lymph nodes.</p> |
| Formulation: | <p>PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent.</p> <p>Label: PE</p> <p>State: Liquid purified Ig fraction.</p> <p>Label: R-Phycoerythrin</p> |
| Concentration: | lot specific |
| Conjugation: | PE |
| Storage: | <p>Store the antibody undiluted at 2-8°C.</p> <p>DO NOT FREEZE!</p> <p>This product is photosensitive and should be protected from light.</p> <p>Avoid repeated freezing and thawing.</p> |
| Stability: | Shelf life: one year from despatch. |



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| Background: | B cells are lymphocytes that are produced in the bone marrow and require bone marrow stromal cells and their cytokines for maturation. During its development, each B cell becomes genetically programmed through a series of gene splicing reactions to produce an antibody molecule with a unique specificity. |
| Synonyms: | B-cell marker, B cells |