

Product datasheet for **AM08110FC-N**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	BB6-10A10
Applications:	FC
Recommended Dilution:	Flow Cytometry: < / = 1 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 sIglow B cells in lymph nodes.</p>
Formulation:	<p>PBS containing 0.09% Sodium Azide as preservative.</p> <p>Label: FITC</p> <p>State: Liquid purified Ig fraction.</p> <p>Label: Fluorescein Isothiocyanate Isomer 1</p>
Concentration:	lot specific
Conjugation:	FITC
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer.</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.
Background:	<p>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.</p>



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Synonyms: B-cell marker, B cells