

FITC Anti-B Cell antibody [BB6-10A10] α b24890

Overview

Product name	FITC Anti-B Cell antibody [BB6-10A10]
Description	FITC Mouse monoclonal [BB6-10A10] to B Cell
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	The specificity of this antibody is indeterminate. It stains the following percentages of surface immunoglobulin (slg) 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. While identification of the antigen(s) that are found predominantly on ILPP B cells and which are recognized by this is speculative, the antibody appears to react with an immature population of B cells in the follicles of ILPPs and with a subpopulation of slg low B cells in lymph nodes.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Pig
Immunogen	The details of the immunogen for this antibody are not available.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Purified IgM
Clonality	Monoclonal
Clone number	BB6-10A10

Isotype	IgM
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab24890 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 1µg for 10 ⁶ cells. For flow cytometry, the suggested use of these reagents is in a final volume of 100µl.

Target

Relevance 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.

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