abcam

ab24890

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

Anti-B Cell antibody [BB6-10A10] conjugated to FITC - suitable for flow cytometry, and reacts with pig samples. Clone [BB6-10A10] is a mouse monoclonal antibody.

Design your panel with our interactive flow cytometry panel builder. Click here.

Key facts

Isotype	IgM
Host species	Mouse
Conjugation	FITC
Excitation/Emission	Ex: 495nm, Em: 519nm
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Clone number	BB6-10A10
Purity	IgM fraction
Specificity	The specificity of this antibody is indeterminate. It 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. 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 sIg low B cells in lymph nodes.
Light chain type	kappa
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Expected

Species	Pig
Dilution info	1 µg for 10^6 Cells
Notes	For flow cytometry, the suggested use of these reagents is in a final volume of 100µl.

Target data

See full target information B Cell

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Store in the dark

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.