

Product datasheet

Anti-CD5 antibody [CC17] ab34070

[1 References](#) [1 Image](#)

Overview

Product name	Anti-CD5 antibody [CC17]
Description	Mouse monoclonal [CC17] to CD5
Host species	Mouse
Specificity	ab34070 is specific for bovine CD5. This clone reacts with BoCD5.1, which is a polymorphic antigen expressed on cells of all Bos Taurus animals and a small proportion of Bos Indicus animals.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Cow
Immunogen	Tissue, cells or virus corresponding to Cow CD5. Bovine thymocytes
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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide
Purity	Protein G purified
Clonality	Monoclonal
Clone number	CC17
Myeloma	NS1
Isotype	IgG1

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab34070 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		

Application notes

FACS: 1/25 - 1/100. Use 10µl of the working dilution for 10⁶ cells in 100ul.

IHC-Fr: Use at an assay dependent dilution.

IP: Use at an assay dependent dilution.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.

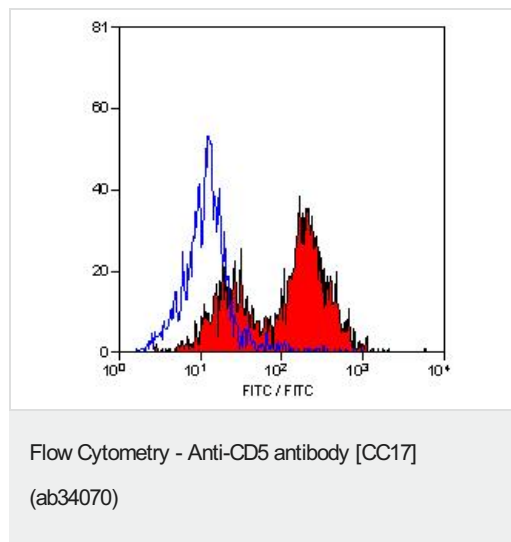
Sequence similarities

Contains 3 SRCR domains.

Cellular localization

Membrane.

Images



Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD5.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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