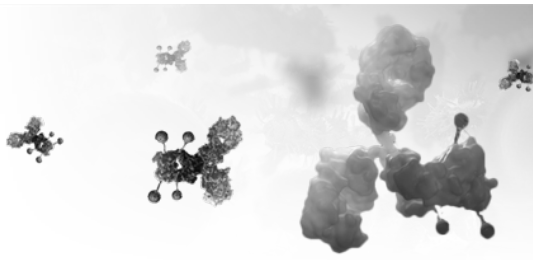

Anti-CD5 monoclonal antibody, clone CC17 [FITC] (CABT-45175MB)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Bovine CD5 antibody, clone CC15 recognizes bovine CD5, a ~67kDa type 1 single pass transmembrane molecule containing three scavenger receptor cysteine rich (SRCR) domains. Clone CC17 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. Bo5.1, recongnized by Mouse anti Bovine CD5, clone CC17 is the only isoform expressed by Bos taurus while Bos indicus may express Bo5.2 or both allelic forms of bovine CD5. Bovine CD5 is expressed by all mature T-lymphocytes and a subpopulation of B-lymphocytes. It is also expressed by mature medullary thymocytes and at a lower level by immature cortical thymocytes. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul
Specificity	CD5
Immunogen	Bovine thymocytes.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Bovine, Goat, Sheep
Clone	CC17
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	See individual product datasheet

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Storage	in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD5 CD5 molecule [Bos taurus (cattle)]
Official Symbol	CD5
Synonyms	CD5; CD5 molecule; T-cell surface glycoprotein CD5; CD5 antigen (p56-62); CD74 antigen, invariant polypeptide of major;
Entrez Gene ID	280745
Protein Refseq	NP_776324.1
UniProt ID	P19238
Chromosome Location	29
Pathway	B Cell Receptor Signaling Pathway; Hematopoietic cell lineage; T Cell Receptor Signaling Pathway;
Function	scavenger receptor activity

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