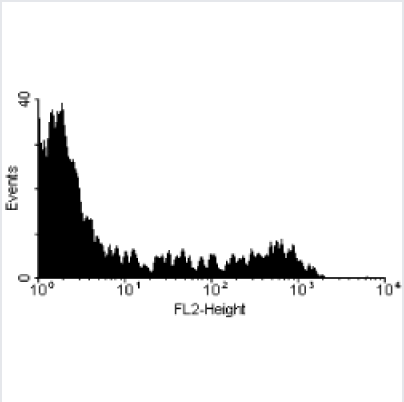
CD8 BETA Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD8 BETA, Monoclonal Antibody
Full Product Name	MOUSE ANTI BOVINE CD8 BETA:RPE
Product Gene Name	anti-CD8 BETA antibody
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CC58
Host	Mouse
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.
Molecular Weight	23,744 Da
3D Structure	ModBase 3D Structure for Q90769
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers||0.09% Sodium Azide 1% Bovine Serum Albumin 5% Sucrose Preparation||Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Target Species	Bovine
Applications Tested/Suitable for anti-CD8 BETA antibody	Flow cytometry (FC/FACS)
Application Notes for anti-CD8 BETA antibody	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. **Flow Cytometry:** Minimum Dilution: Neat; Maximum Dilution: 1/10
Related Product Information for anti-CD8 BETA antibody	Mouse anti Bovine CD8 beta antibody, clone CC58 recognizes an epitiope associated with the bovine CD8 beta chain. CD8 is usually expressed as an alpha/beta heterodimer. Mouse anti Bovine CD8 beta antibody, clone CC58 has been successfully used for the immunohistochemical detection of CD8 on formalin fixed, paraffin embedded placental tissue from water buffalo (Cantón et al. 2014).
Other Notes	Small volumes of anti-CD8 BETA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD8 BETA purchase	MBS215139 is an antibody targeting CD8 BETA. Also known as MOUSE ANTI BOVINE CD8 BETA:RPE. Host: Mouse.



Testing Data of anti-CD8 BETA antibody
MBS215139 (Mouse anti Bovine CD8 Beta:RPE) staining of bovine peripheral blood lymphocytes

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD8 BETA. It may not necessarily be applicable to this product.

NCBI GI #	403301
NCBI GeneID	396175
NCBI Accession #	CAA81258.1
UniProt Primary Accession #	Q90769
NCBI Official Full Name	CD8 beta
NCBI Official Synonym Full Names	CD8b molecule
NCBI Official Symbol	CD8B
NCBI Official Synonym Symbols	CD8B1
UniProt Protein Name	CD8 beta
UniProt Synonym Protein Names	CD8 beta
Protein Family	Putative T-cell surface glycoprotein
UniProt Entry Name	Q90769_CHICK
NCBI Protein Information	T-cell surface glycoprotein CD8 beta chain; CD8 antigen, beta polypeptide 1 (p37)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/cd8-beta/215139