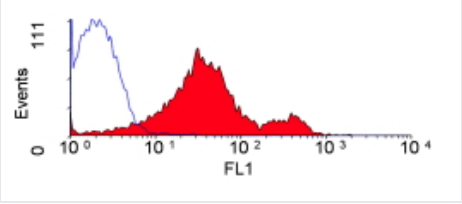
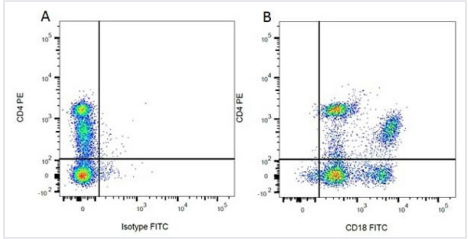
CD18 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD18, Monoclonal Antibody
Full Product Name	CD18 (Leukocyte Function Associated Antigen, LFA-1 beta2) (MaxLight 405)
Product Gene Name	anti-CD18 antibody
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3H1055
Host	Mouse
Species Reactivity	Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. Labeled with MaxLight405.
Purity/Purification	Purified by protein G affinity chromatography from tissue culture supernatant.
Specificity	Recognizes rat CD18. Inhibits homotypic aggregation of PHA blasts. Blocks binding of rat lymphocytes to purified rat ICAM-1.
Preparation and Storage	Store at 4 degree C. Do Not Freeze.
Immunogen	FTL-43
Conjugate	MaxLight405
Product Categories/Family for anti-CD18 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD18 antibody	Flow Cytometry (FC/FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)
Related Product Information for anti-CD18 antibody	MBS6252420 is an antibody targeting CD18. Also known as CD18 (Leukocyte Function Associated Antigen, LFA-1 beta2) (MaxLight 405). Reactive in Rat. Host: Mouse.
Product References and Citations for anti-CD18 antibody	1. Tamatani, T. et al. (1990). Identification of monoclonal antibodies reactive with the rat homolog of ICAM-1 and evidence for a differential involvement of ICAM-1 in the adherence of resting versus activated lymphocytes to high endothelial cell
Other Notes	Small volumes of anti-CD18 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.



Testing Data of anti-CD18 antibody
Staining of rat splenocytes with C2269-07A-FITC.



Testing Data of anti-CD18 antibody
Figure A. RPE conjugated mouse anti rat CD4 (C2255-29B) and FITC conjugated mouse IgG1 isotype control MBS655692. Figure B. RPE conjugated mouse anti rat CD4 (C2255-29B) and FITC conjugated mouse anti rat CD18 (C2269-07A-FITC). All experiments performed on red cell lysed rat blood gated on mononuclear cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD18. It may not necessarily be applicable to this product.

Protein Family	CD180 antigen
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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