CD11b Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD11b, Monoclonal Antibody
Full Product Name	Anti-Human CD11b FITC
Product Gene Name	anti-CD11b antibody
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	ICRF44
Host	Mouse
Species Reactivity	Human
Form/Format	Phosphate-buffered aqueous solution, <=0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2.
Purity/Purification	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
Preparation and Storage	The product should be stored undiluted at 4 degree C and should be protected from prolonged exposure to light.
Protein Cross Reactivity	Baboon, Chimpanzee, Cynomolgus, Rhesus, Swine
Conjugation	FITC
Applications Tested/Suitable for anti-CD11b antibody	Flow Cytometry (FC/FACS)
Related Product Information for anti-CD11b antibody	The ICRF44 monoclonal antibody specifically reacts with the 165 kDa human adhesion glycoprotein CD11b, which forms, together with the 95 kDa CD18 (integrin beta2) a complex known as Mac-1. CD11b is expressed on the surface of activated lymphocytes, a subset of natural killer cells, granulocytes, and monocytes. It functions as a receptor in cell-cell and cell-matrix interactions and as a receptor for iC3b, ICAM-1, ICAM-2, and ICAM-3 intercellular adhesion molecules.
Product References and Citations for anti-CD11b antibody	Barclay, A. N., Brown, M. H., Law, S. A. K. A., McKnight, A. J., Tomlinson, M. G., & van der Merwe, P. A. (1997). The leucocyte antigen factsbook. Academic Press. Knapp W (1989) Leucocyte typing IV: white cell differentiation antigens. Oxford University Press, 1989. Sotiriou, S. N., Orlova, V. V., Al-Fakhri, N., Ihanus, E., Economopoulou, M., Isermann, B.,... & Chavakis, T. (2006). Lipoprotein (a) in atherosclerotic plaques recruits inflammatory cells through interaction with Mac-1 integrin. The FASEB journal, 20(3), 559-561.
Other Notes	Small volumes of anti-CD11b 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 CD11b purchase	MBS696487 is an antibody targeting CD11b. Also known as Anti-Human CD11b FITC. Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD11b. It may not necessarily be applicable to this product.

Protein Family	Integrin

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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