CD8a Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD8a, Monoclonal Antibody
Full Product Name	Anti-Human CD8a Biotin
Product Gene Name	anti-CD8a antibody
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	RPA-T8
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.
Conjugation	Biotin
Applications Tested/Suitable for anti-CD8a antibody	Flow Cytometry (FC/FACS)
Related Product Information for anti-CD8a antibody	The RPA-T8 monoclonal antibody specifically reacts with the human CD8a molecule, a 32 kDa cell surface receptor expressed either as a heterodimer (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha) on the majority of thymocytes, a subpopulation of mature T cells, and natural killer cells. CD8 interacts with the major histocompatibility complex class I (MHC class I) molecules on antigen-presenting cells or epithelial cells. The RPA-T8 antibody reacts with 13-48% of peripheral lymphocytes, 80% of thymocytes, and a subset of natural killer cells. RPA-T8, OKT8, and HIT8a antibodies do not compete with each other for binding to peripheral leukocytes, meaning that that they do not recognize the same epitope or block each other by steric hindrance.
Product References and Citations for anti-CD8a antibody	Knapp W (1989) Leucocyte typing IV: white cell differentiation antigens. Oxford University Press, 1989. Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York
Other Notes	Small volumes of anti-CD8a 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 CD8a purchase	MBS696882 is an antibody targeting CD8a. Also known as Anti-Human CD8a Biotin. Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD8a. It may not necessarily be applicable to this product.

Protein Family	T-cell surface glycoprotein
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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