CD81 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD81, Monoclonal Antibody
Full Product Name	Anti-CD81 Antibody (HRP), Mouse Monoclonal
Product Gene Name	anti-CD81 antibody
Product Synonym Names	CD81 molecule; Anti-CVID6 Antibody; Anti-S5.7 Antibody; Anti-TAPA1 Antibody; Anti-TSPAN28 Antibody
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	#01
Host	Mouse
Species Reactivity	Human
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A
Specificity	Human CD81
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Matching Pairs	Antibody: CD81 Clone ##01 (MBS8125182) Immunogen: CD81 (MBS8121650)
Immunogen	Recombinant Human CD81 Protein
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD81 (rh CD81). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography and conjugated with horseradish-peroxidase (HRP).
Applications Tested/Suitable for anti-CD81 antibody	ELISA (EIA)
Application Notes for anti-CD81 antibody	ELISA: 0.1-1ug/ml
Related Product Information for anti-CD81 antibody	CD81, also known as TAPA-1, belongs to the transmembrane 4 superfamily, also known as the tetraspanin family. Members of this family mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility.CD81 is a widely expressed cell-surface protein involved in an astonishing variety of biologic responses. It is related to adhesion, morphology, activation, proliferation, and differentiation of B, T, and other cells. On B cells CD81 is part of a complex with CD21, CD19, and Leu13. This complex reduces the threshold for B cell activation via the B cell receptor by bridging Ag specific recognition and CD21-mediated complement recognition.
Product References and Citations for anti-CD81 antibody	Petracca R. et al., 2000, J Virol. 74 (10): 4824-30. Bartosch B. et al., 2003, The Journal of Biological Chemistry. 278 (43): 41624-30. Clark KL. et al., 2001, Journal of Immunology. 167 (9): 5115-21.
Other Notes	Small volumes of anti-CD81 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 CD81 purchase	MBS8125182 is an antibody targeting CD81. Also known as Anti-CD81 Antibody (HRP), Mouse Monoclonal. Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD81. It may not necessarily be applicable to this product.

Protein Family	CD81 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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