CD8a Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD8a, Monoclonal Antibody
Full Product Name	CD8a (CD8 antigen, alpha polypeptide (p32), T8/Leu-2 T-lymphocyte differentiation antigen, Ly3, LYT3, MAL, T-cell surface glycoprotein CD8 alpha chain) (BSA & Azide Free) (MaxLight 405)
Product Gene Name	anti-CD8a antibody
Product Synonym Names	CD8 antigen; alpha polypeptide (p32); T8/Leu-2 T-lymphocyte differentiation antigen; Ly3; LYT3; MAL; T-cell surface glycoprotein CD8 alpha chain
Clonality	Monoclonal
Isotype	IgG1
Clone Number	C8/144B
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A/G Affinity Chromatography.
Specificity	Recognizes human CD8a.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	A 13 amino acid peptide from C-terminal cytoplasmic domain of alpha chain of human CD8 molecule. Cellular Localization: Cell surface
Conjugate	MaxLight405
Positive Control	HuT78 or hPBL. Tonsil
Product Categories/Family for anti-CD8a antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD8a antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC) Frozen/Paraffin, Western Blot (WB), Immunofluorescence (IF), Immunoprecipitation (IP)
Application Notes for anti-CD8a antibody	FC/FACS: 0.5-1ug/e6 cells IHC-F/P: 0.5-1ug/ml for 30 minutes at RT IP: 0.5-1ug/500ug protein lysate IF: 0.5-1ug/ml WB: 0.5-1ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-CD8a antibody	MBS6193742 is an antibody targeting CD8a. Also known as CD8a (CD8 antigen, alpha polypeptide (p32), T8/Leu-2 T-lymphocyte differentiation antigen, Ly3, LYT3, MAL, T-cell surface glycoprotein CD8 alpha chain) (BSA & Azide Free) (MaxLight 405). Reactive in Human. Host: Mouse.
Product References and Citations for anti-CD8a antibody	1. Mason DY, et. al. Journal of Clinical Pathology, 1992, 45(12):1084-8.

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.

ADDITIONAL DETAILS

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

NCBI GeneID	925
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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