S100A7 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	S100A7, Monoclonal Antibody
Full Product Name	S100A7 (S100 Calcium Binding Protein A7, PSOR1, S100A7c) (MaxLight 550)
Product Gene Name	anti-S100A7 antibody
Product Synonym Names	S100 Calcium Binding Protein A7; PSOR1; S100A7c
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1C5-C6
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified
Specificity	Recognizes S100A7.
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: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	11,471 Da
Immunogen	S100A7 (AAH34687.1, 1aa-101aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSNTQAERSIIGMIDMFHKYTRRDDKIDKPSLLTMMKENFPNFLSACDKKGTNYLADVFEKKDKNEDKKIDFSEFLSLLGDIATDYHKQSHGAAPCSGGSQ
Conjugate	MaxLight550
Product Categories/Family for anti-S100A7 antibody	Antibodies; Binding Proteins; Calcium
Applications Tested/Suitable for anti-S100A7 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-S100A7 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-S100A7 antibody	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. This protein is markedly over-expressed in the skin lesions of psoriatic patients, but is excluded as a candidate gene for familial psoriasis susceptibility. The exact function of this protein is not known. [provided by RefSeq]

Other Notes	Small volumes of anti-S100A7 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 S100A7 purchase	MBS6219101 is an antibody targeting S100A7. Also known as S100A7 (S100 Calcium Binding Protein A7, PSOR1, S100A7c) (MaxLight 550). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for S100A7. It may not necessarily be applicable to this product.

NCBI GI #	21961601
NCBI GeneID	6278
NCBI Accession #	AAH34687.1
UniProt Secondary Accession #	Q5SY67; Q6FGE3; Q9H1E2
UniProt Related Accession #	P31151
NCBI Official Full Name	S100 calcium binding protein A7
NCBI Official Synonym Full Names	S100 calcium binding protein A7
NCBI Official Symbol	S100A7
NCBI Official Synonym Symbols	PSOR1; S100A7c
Protein Family	Protein
NCBI Protein Information	protein S100-A7; psoriasin 1; S100 calcium-binding protein A7 (psoriasin 1)
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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