S100A10 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	S100A10, Monoclonal Antibody
Full Product Name	S100A10 (S100 Calcium Binding Protein A10, 42C, ANX2L, ANX2LG, CAL1L, CLP11, Ca[1], GP11, MGC111133, P11, p10) (MaxLight 750)
Product Gene Name	anti-S100A10 antibody
Product Synonym Names	S100 Calcium Binding Protein A10; 42C; ANX2L; ANX2LG; CAL1L; CLP11; Ca[1]; GP11; MGC111133; P11; p10
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3.0e+10
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes S100A10.
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: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	S100A10 (AAH15973, 1aa-97aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MPSQMEHAMETMMFTFHKFAGDKGYLTKEDLRVLMEKEFPGFLENQKDPLAVDKIMKDLDQCRDGKVGFQSFFSLIAGLTIACNDYFVVHMKQKGKK
Conjugate	MaxLight750
Product Categories/Family for anti-S100A10 antibody	Antibodies; Binding Proteins; Calcium
Applications Tested/Suitable for anti-S100A10 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-S100A10 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-S100A10 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 may function in exocytosis and endocytosis. [provided by RefSeq]
Other Notes	Small volumes of anti-S100A10 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 S100A10 purchase	MBS6240445 is an antibody targeting S100A10. Also known as S100A10 (S100 Calcium Binding Protein A10, 42C, ANX2L, ANX2LG, CAL1L, CLP11, Ca[1], GP11, MGC111133, P11, p10) (MaxLight 750). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for S100A10. It may not necessarily be applicable to this product.

NCBI GI #	16359018
NCBI GeneID	6281
NCBI Accession #	AAH15973
UniProt Related Accession #	P60903
NCBI Official Full Name	S100 calcium binding protein A10
NCBI Official Synonym Full Names	S100 calcium binding protein A10
NCBI Official Symbol	S100A10
NCBI Official Synonym Symbols	42C; P11; p10; GP11; ANX2L; CAL1L; CLP11; Ca[1]; ANX2LG
Protein Family	Protein
NCBI Protein Information	protein S100-A10
Research Articles on S100A10	**1.** The results of the present study reveal that S100A10 expression can be used as a predictive marker for the prognosis of ovarian cancer and chemosensitivity to carboplatin.
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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