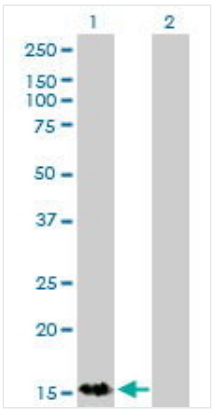
S100A9 Antibody – Mouse Monoclonal

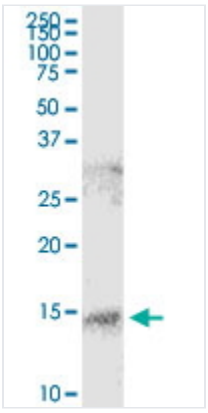
PRODUCT OVERVIEW

Product Name	S100A9, Monoclonal Antibody
Full Product Name	S100A9 (S100 Calcium Binding Protein A9, 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14) (PE)
Product Gene Name	anti-S100A9 antibody
Product Synonym Names	S100 Calcium Binding Protein A9; 60B8AG; CAGB; CFAG; CGLB; L1AG; LIAG; MAC387; MIF; MRP14; NIF; P14
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1C22
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified
Specificity	Recognizes S100A9.
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 amo immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifu prior to removing the cap.
Immunogen	S100A9 (AAH47681, 1aa-114aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTCKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKENRNEKVIEHIMEDLDTNADKQLSFEEFIMLMARLTWASHEKMHEGDEGP
Conjugate	PE
Product Categories/Family for anti-S100A9 antibody	Antibodies; Binding Proteins; Calcium
Applications Tested/Suitable for anti-S100A9 antibody	ELISA (EIA), Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-S100A9 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-S100A9 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 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 differentiatio include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and altere protein is associated with the disease cystic fibrosis. [provided by RefSeq]
Other Notes	Small volumes of anti-S100A9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces 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 apply.

Searchable Terms for S100A9 purchase	MBS6187302 is an antibody targeting S100A9. Also known as S100A9 (S100 Calcium Binding Protein A9, 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG MRP14, NIF, P14) (PE). Host: Mouse.



Western Blot (WB) of anti-S100A9 antibody
Western Blot analysis of S100A9 expression in transfected 293T cell line by S100A9 monoclonal antibody (M13), clone 1C22.Lane 1: S100A9 transfected lysate (13.2 KDa).Lane 2: Non-transfected lysate.



Immunoprecipitation (IP) of anti-S100A9 antibody
Immunoprecipitation of S100A9 transfected lysate using anti-S100A9 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with S100A9 purified MaxPab rabbit polyclonal antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for S100A9. It may not necessarily be applicable to this product.

NCBI GI #	29126810
NCBI GeneID	6280
NCBI Accession #	AAH47681
UniProt Related Accession #	P06702
NCBI Official Full Name	S100 calcium binding protein A9
NCBI Official Synonym Full Names	S100 calcium binding protein A9
NCBI Official Symbol	S100A9
NCBI Official Synonym Symbols	MIF; NIF; P14; CAGB; CFAG; CGLB; L1AG; LIAG; MRP14; 60B8AG; MAC387
Protein Family	Protein
NCBI Protein Information	protein S100-A9
NCBI Summary for S100A9	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 the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity. [provided by RefSeq, Nov 2014]
Research Articles on S100A9	**1.** Exhaled breath condensate analysis suggests that dermcidin and S100A9 may serve as biomarkers for lung cancer diagnosis or prognosis.
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