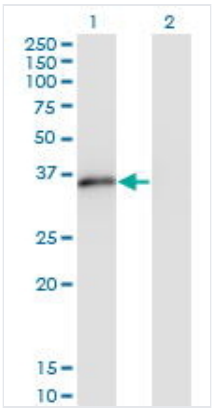
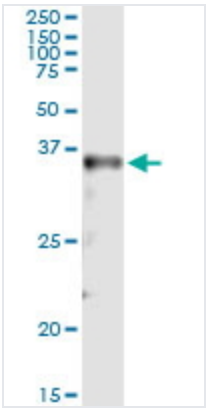
MSX2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MSX2, Monoclonal Antibody
Full Product Name	MSX2 (msh Homeobox 2, CRS2, FPP, HOX8, MSH, PFM, PFM1) (PE)
Product Gene Name	anti-MSX2 antibody
Product Synonym Names	msh Homeobox 2; CRS2; FPP; HOX8; MSH; PFM; PFM1
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	100000000
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 MSX2.
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 be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing t
Immunogen	MSX2 (AAH15509.1, 1aa-133aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MASPSKGNDLFSPDEEGPAVVAGPGPGPGGAEGAAEERRVKVSSLPFSVEALMSDKKPPKEASPLPAESASAGATLRPLLLSGHGAREAHSPGPLVKPI
Conjugate	PE
Product Categories/Family for anti-MSX2 antibody	Antibodies; Transcription Factors; Homeobox (HOX)
Applications Tested/Suitable for anti-MSX2 antibody	ELISA (EIA), Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-MSX2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MSX2 antibody	This gene encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded protein may also have a role in promoting cell grov target for the RAS signaling pathways. Mutations in this gene are associated with parietal foramina 1 and craniosynostosis type 2. [provided by RefSeq
Other Notes	Small volumes of anti-MSX2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess 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 MSX2 purchase	MBS6185479 is an antibody targeting MSX2. Also known as MSX2 (msh Homeobox 2, CRS2, FPP, HOX8, MSH, PFM, PFM1) (PE). Host: Mouse.



Western Blot (WB) of anti-MSX2 antibody
Western Blot analysis of MSX2 expression in transfected 293T cell line by MSX2 monoclonal antibody (M10), clone 1E8.Lane 1: MSX2 transfected lysate (28.9 KDa).Lane 2: Non-transfected lysate.



Immunoprecipitation (IP) of anti-MSX2 antibody
Immunoprecipitation of MSX2 transfected lysate using anti-MSX2 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with MSX2 MaxPab rabbit polyclonal antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MSX2. It may not necessarily be applicable to this product.

NCBI GI #	15930143
NCBI GeneID	4488
NCBI Accession #	AAH15509.1
UniProt Related Accession #	P35548
NCBI Official Full Name	Msh homeobox 2
NCBI Official Synonym Full Names	msh homeobox 2
NCBI Official Symbol	MSX2
NCBI Official Synonym Symbols	FPP; MSH; PFM; CRS2; HOX8; PFM1
Protein Family	Homeobox protein
NCBI Protein Information	homeobox protein MSX-2
Research Articles on MSX2	**1.** Low MSX2 expression is associated with drug resistance in lung cancer.
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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