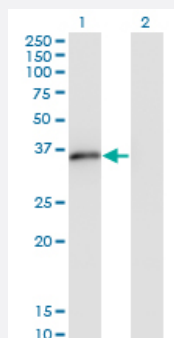


MSX2 monoclonal antibody (M10), clone 1E8

Catalog # H00004488-M10

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MSX2 expression in transfected 293T cell line by MSX2 monoclonal antibody (M10), clone 1E8.

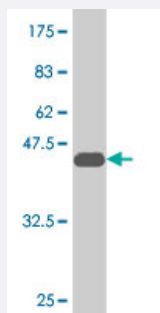
Lane 1: MSX2 transfected lysate(28.9 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

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



Western Blot detection against Immunogen (40.26 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant MSX2.

Immunogen	MSX2 (AAH15509.1, 1 a.a. ~ 133 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASPSKGNDLFSPDEEGPAVVAGPGPGPGAEGAAEERRVKVSSLPFSVEALMSDKKPPKEA SPLPAESASAGATLRPLLLSGHGAREAHSPGPLVKPFETASVKSENSEDGAAWMQEPGRYSPP PRHTSPTT
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.26 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

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

[Protocol Download](#)

- ELISA

Gene Info — MSX2

Entrez GeneID

[4488](#)

GeneBank Accession#	BC015509
Protein Accession#	AAH15509.1
Gene Name	MSX2
Gene Alias	CRS2, FPP, HOX8, MSH, PFM, PFM1
Gene Description	msh homeobox 2
Omim ID	123101 168500 168550 604757
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the muscle segment homeobox gene family. The encoded protein is a transcriptional repressor whose normal activity may establish a balance between survival and apoptosis of neural crest-derived cells required for proper craniofacial morphogenesis. The encoded protein may also have a role in promoting cell growth under certain conditions and may be an important target for the RAS signaling pathways. Mutations in this gene are associated with parietal foramina 1 and craniosynostosis type 2. [provided by RefSeq]
Other Designations	msh homeo box 2 msh homeobox homolog 2

Disease

- [Celiac Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Sleep Apnea](#)
- [Spondylitis](#)