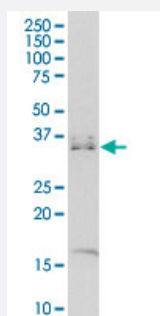


MSX1 monoclonal antibody (M11), clone 1E2

Catalog # H00004487-M11

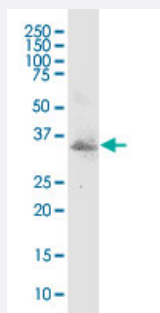
Size 100 ug

Applications



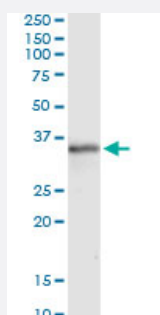
Western Blot (Cell lysate)

MSX1 monoclonal antibody (M11), clone 1E2. Western Blot analysis of MSX1 expression in Raw 264.7.



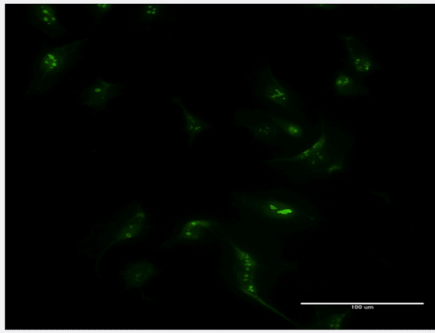
Western Blot (Cell lysate)

MSX1 monoclonal antibody (M11), clone 1E2. Western Blot analysis of MSX1 expression in U-2 OS.



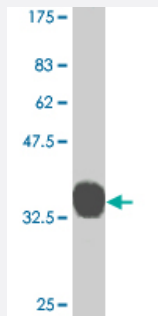
Immunoprecipitation

Immunoprecipitation of MSX1 transfected lysate using anti-MSX1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MSX1 MaxPab rabbit polyclonal antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to MSX1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.02 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MSX1.
Immunogen	MSX1 (NP_002439, 216 a.a. ~ 297 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NRRAKAKRLQEAELEKLKMAAKPMLPPAAFGLSFPLGGPAAVAAAAGASLYGASGPFQRAALP VAPVGLYTAHVGYSMYHLT
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.02 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 (Cell lysate)

MSX1 monoclonal antibody (M11), clone 1E2. Western Blot analysis of MSX1 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Cell lysate)

MSX1 monoclonal antibody (M11), clone 1E2. Western Blot analysis of MSX1 expression in U-2 OS.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of MSX1 transfected lysate using anti-MSX1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MSX1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MSX1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — MSX1

Entrez GeneID	4487
---------------	----------------------

GeneBank Accession#	NM_002448
---------------------	---------------------------

Protein Accession#	NP_002439
--------------------	---------------------------

Gene Name	MSX1
-----------	------

Gene Alias	HOX7, HYD1
------------	------------

Gene Description	msh homeobox 1
------------------	----------------

Omim ID	106600 142983 189500 608874
---------	---

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary

This gene encodes a member of the muscle segment homeobox gene family. The encoded protein functions as a transcriptional repressor during embryogenesis through interactions with components of the core transcription complex and other homeoproteins. It may also have roles in limb-pattern formation, craniofacial development, particularly odontogenesis, and tumor growth inhibition. Mutations in this gene, which was once known as homeobox 7, have been associated with nonsyndromic cleft lip with or without cleft palate 5, Witkop syndrome, Wolf-Hirschorn syndrome, and autosomal dominant hypodontia. [provided by RefSeq]

Other Designations

OTTHUMP00000115387|homeobox 7|msh homeobox 1|msh homeobox homolog 1

Disease

- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Multiple System Atrophy](#)
- [Parkinson disease](#)
- [Sleep Apnea](#)