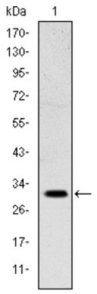
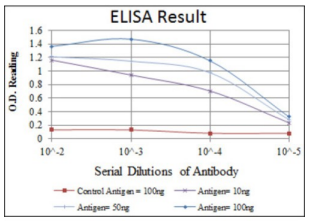
Homeobox Protein MSX-1 (MSX1) Antibody

Catalogue No.:abx015933



Western blot analysis using MSX1 antibody against NTERA-2 cell lysate.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Drosophila,muscle segment (msh) homolog 1,homeo domain encoding gene,inhibiting MYOD1 expression,highly expressed in dental mesenchyme during critical bud stage,involved in epithelial-mesenchymal signaling in many organs,and in the pathogenesis of cleft lip and palate,interacting with MSX2 in mouse limb bud patterning.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.Tissue specificity: Expressed in the developing nail bed mesenchyme.

Target:	Homeobox Protein MSX-1 (MSX1)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MSX1 expressed in E. coli.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P28360 (UniProt, ExPASy)
Gene Symbol:	MSX1
GeneID:	4487
OMIM:	106600
HGNC:	7391
KEGG:	hsa:4487
Ensembl:	ENSG00000163132
String:	9606.ENSP00000372170
Molecular Weight:	31 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com