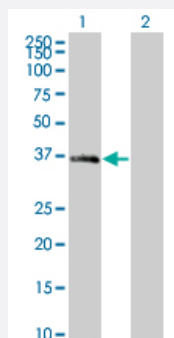


MEOX2 monoclonal antibody (M10), clone 4E10

Catalog # H00004223-M10

Size 100 ug

Applications

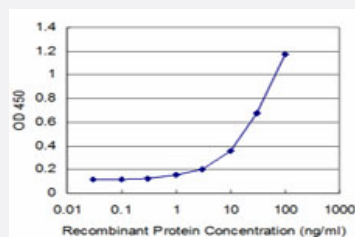


Western Blot (Transfected lysate)

Western Blot analysis of MEOX2 expression in transfected 293T cell line by MEOX2 monoclonal antibody (M10), clone 4E10.

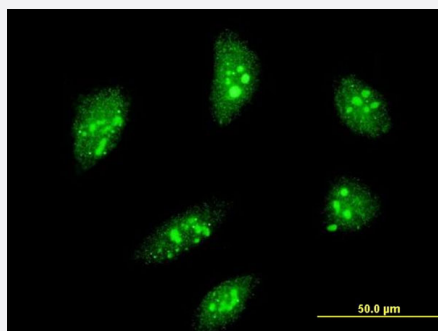
Lane 1: MEOX2 transfected lysate(34.845 KDa).

Lane 2: Non-transfected lysate.



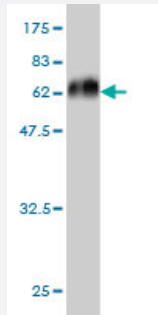
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MEOX2 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to MEOX2 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (59.07 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant MEOX2.
Immunogen	MEOX2 (AAH17021, 1 a.a. ~ 303 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEHPLFGCLRSPHATAQGLHPFSQSSLALHGRSDHMSYPELSTSSSSCIAGYPNEEGMFASQH HRGHHHHHHHHHHHHHHQQQHQALQTNWHLPMSSPPSAARHSLCLQPDSSGGPPELGSSPPVL CSNSSLGSSTPTGAACAPGDYGRQALSPAEAEKRSGGKRKSDSSDSQEGNYKSEVNSKPRK ERTAFTKEQIRELEAEFAHHNYLTRLRYEIAVNLDLTERQVKVWFQNRMRMKWKRVKGGQQGAA AREKELVNVKKGTLTPSELSGIGAATLQQTGDSIANEDSHDSDHSSEHAHL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (59.07 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 MEOX2 expression in transfected 293T cell line by MEOX2 monoclonal antibody (M10), clone 4E10.

Lane 1: MEOX2 transfected lysate(34.845 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MEOX2 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MEOX2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — MEOX2

Entrez GeneID [4223](#)

GeneBank Accession# [BC017021](#)

Protein Accession# [AAH17021](#)

Gene Name MEOX2

Gene Alias GAX, MOX2

Gene Description mesenchyme homeobox 2

Omim ID [600535](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of a subfamily of non-clustered, diverged, antennapedia-like homeobox-containing genes. The encoded protein may play a role in the regulation of vertebrate limb myogenesis. Mutations in the related mouse protein may be associated with craniofacial and/or skeletal abnormalities, in addition to neurovascular dysfunction observed in Alzheimer's disease. [provided by RefSeq]

Other Designations

growth arrest-specific homeo box|mesenchyme homeo box 2 (growth arrest-specific homeo box)

Disease

- [Tobacco Use Disorder](#)