

Product datasheet

Anti-MEOX 2 antibody [6A5] ab117551

1 References 6 Images

Overview

<b>Product name</b>	Anti-MEOX 2 antibody [6A5]
<b>Description</b>	Mouse monoclonal [6A5] to MEOX 2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> Sandwich ELISA, WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Recombinant Human MEOX 2 protein (NP_005915.2).
<b>Positive control</b>	Human Skeletal Muscle tissue; HeLa, PC12 and NIH 3T3 cell lysates; HeLa cells.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Constituent: 99% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	6A5
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab117551** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

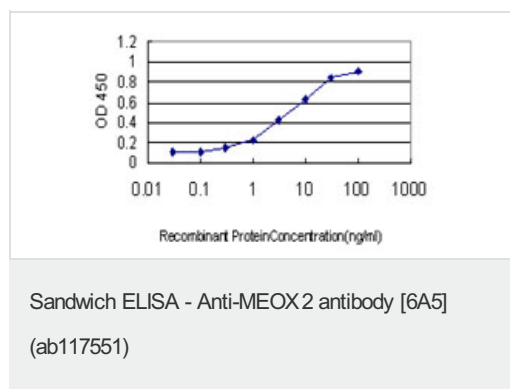
Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 34 kDa.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.

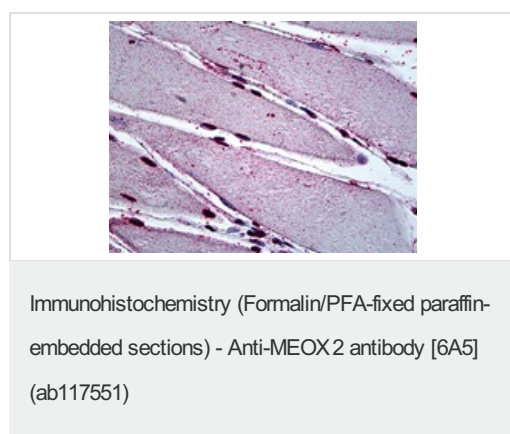
## Target

<b>Function</b>	Role in mesoderm induction and its earliest regional specification, somitogenesis, and myogenic and sclerotomal differentiation. May have a regulatory role when quiescent vascular smooth muscle cells reenter the cell cycle.
<b>Tissue specificity</b>	Embryo and placenta.
<b>Sequence similarities</b>	Contains 1 homeobox DNA-binding domain.
<b>Cellular localization</b>	Nucleus.

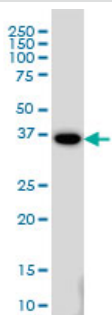
## Images



Detection limit for recombinant proprietary tagged MEOX 2 is approximately 0.3ng/ml as a capture antibody (ab117551).



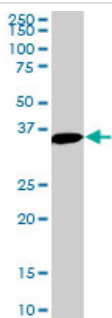
ab117551, at 5 µg/ml, staining MEOX 2 in Formalin-fixed, Paraffin-embedded Human Skeletal muscle tissue by Immunohistochemistry.



Anti-MEOX 2 antibody [6A5] (ab117551) +  
HeLa cell lysate

**Predicted band size:** 34 kDa

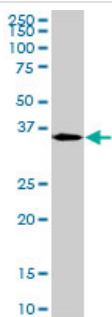
Western blot - Anti-MEOX2 antibody [6A5]  
(ab117551)



Anti-MEOX 2 antibody [6A5] (ab117551) +  
PC12 cell lysate

**Predicted band size:** 34 kDa

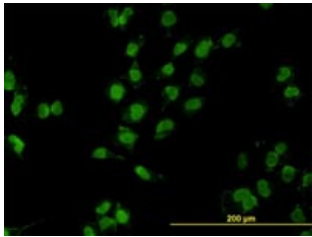
Western blot - Anti-MEOX2 antibody [6A5]  
(ab117551)



Anti-MEOX 2 antibody [6A5] (ab117551) +  
NIH 3T3 cell lysate

**Predicted band size:** 34 kDa

Western blot - Anti-MEOX2 antibody [6A5]  
(ab117551)



ab117551 at 10 $\mu$ g/ml dilution staining MEOX 2 in HeLa cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-MEOX2 antibody [6A5] (ab117551)

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