Mouse MEOX2 Monoclonal Antibody | anti-MEOX2 antibody

MEOX2 (GAX, MOX2, Homeobox Protein MOX-2, Growth Arrest-specific Homeobox, Mesenchyme Homeobox 2) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25160	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

MEOX2; Monoclonal Antibody; MEOX2 (GAX; MOX2; Homeobox Protein MOX-2; Growth Arrest-specific Homeobox; Mesenchyme Homeobox 2) (FITC); anti-MEOX2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	6A5
Specificity	Recognizes human MEOX2. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-MEOX2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-303 from human MEOX2 (AAH17021) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MEHPLFGCLRSPHATAQGLHPFSQSSLALHGRSDHMSYPELSTSSSSCIIAGYPNEEGMFASQHHRGHHHHHHHHHHHHHQQQQHQALQTNWHLPQMS
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged MEOX2 is ~0.3ng/ml as a capture antibody.

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

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to MEOX2 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 1ug/ml]

WB (Western Blot)
MEOX2 monoclonal antibody. Western Blot analysis of MEOX2 expression in Hela NE.

WB (Western Blot)
MEOX2 monoclonal antibody. Western Blot analysis of MEOX2 expression in PC-12.

WB (Western Blot)
MEOX2 monoclonal antibody Western Blot analysis of MEOX2 expression in HeLa.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MEOX2 antibody	Antibodies; Transcription Factors; Homeobox (HOX)
References	1. MicroRNA-130a Mediates Proliferation of Vascular Smooth Muscle Cells in Hypertension. Wu WH, Hu CP, Chen XP, Zhang WF, Li XW, Xiong XM, Li YJ.Am J Hypertens. 2011 Jul 14. doi: 10.1038/ajh.2011.116.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16877532
NCBI GeneID	4223
Molecular Weight	33,594 Da
NCBI Official Full Name	Homo sapiens mesenchyme homeobox 2, mRNA
NCBI Official Synonym Full Names	mesenchyme homeobox 2
NCBI Official Symbol	MEOX2
NCBI Official Synonym Symbols	GAX; MOX2
NCBI Protein Information	homeobox protein MOX-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/meox2-antibody-clone-6a5-immunofluorescence-immunohistochemistry-western-blot-elisa/25160