

Mouse GAX / MEOX2 Monoclonal Antibody | anti-GAX antibody

Mouse Monoclonal [clone 6A5] (IgG1,k) to Human GAX / MEOX2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12351	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

GAX / MEOX2; Monoclonal Antibody; Mouse Monoclonal [clone 6A5] (IgG1; k) to Human GAX / MEOX2; Anti-GAX / MEOX2 Antibody (clone 6A5) IHC-plus; MEOX2; MOX2; Mesenchyme homeobox 2; GAX; Homeobox protein MOX-2; Human GAX; anti-GAX antibody

PRODUCT SPECIFICATIONS

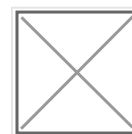
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	6A5
Specificity	Human Homeobox Protein Mox-2
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	304
Applicable Applications for anti-GAX antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA
Application Notes	ELISA, IF (10 ug/ml), IHC-P (5 ug/ml), WB (1:500 - 1:1000) Usage: Immunohistochemistry: Formalin-fixed paraffin-embedded sections. Sandwich ELISA: Recombinant protein. Western blot using cell lysates and the recombinant protein used as the immunogen.
Target Species	Human
Immunogen Description	MEOX2 (AAH17021, 1 a.a. ~ 304 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen	GAX / MEOX2 antibody was raised against mEOX2 (AAH17021, 1 a.a. ~ 304 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



ELISA

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



WB (Western Blot)

MEOX2 monoclonal antibody clone 6A5 Western blot of MEOX2 expression in HeLa.

**WB (Western Blot)**

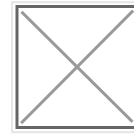
MEOX2 monoclonal antibody clone 6A5. Western blot of MEOX2 expression in NIH/3T3.

**WB (Western Blot)**

MEOX2 monoclonal antibody clone 6A5. Western blot of MEOX2 expression in PC-12.

**IF (Immunofluorescence)**

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

**IHC (Immunohistochemistry)**

Anti-MEOX2 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	84105335
NCBI GeneID	4223
NCBI Accession #	NP_005915.2
NCBI GenBank Nucleotide #	NM_005924.4
UniProt Accession #	P50222; O75263; Q9UPL6; B2R8I7
Molecular Weight	33,594 Da
NCBI Official Full Name	homeobox protein MOX-2
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; growth arrest-specific homeobox
UniProt Protein Name	Homeobox protein MOX-2
UniProt Gene Name	MEOX2
UniProt Synonym Gene Names	GAX; MOX2
UniProt Entry Name	MEOX2_HUMAN

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/gax-meox2-antibody-clone-6a5-immunohistochemistry-immunofluorescence-western-blot-elisa/12351>