Mouse HOXC11 Monoclonal Antibody | anti-HOXC11 antibody

HOXC11 antibody

CATALOG #	HOST	APPLICATIONS
AAA74793	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

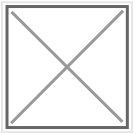
HOXC11; Monoclonal Antibody; HOXC11 antibody; Monoclonal HOXC11; Anti-HOXC11; Homeobox C11; MGC4906; HOX 1c1; HOX-1c1; anti-HOXC11 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	4B8
Purity/Purification	HOXC11 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	304
Applicable Applications for anti-HOXC11 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	HOXC11 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestin al development.
Cross-Reactivity	Human
Immunogen	HOXC11 antibody was raised in mouse using a full length recombinant protein of human HOXC11 (NP_055027) produced in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant HOXC11 protein using HOXC11 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HOXC11 protein (Right) or empty vector (Left) detected with HOXC11 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HOXC11 antibody	Mouse monoclonal HOXC11 antibody
Product Categories/Family for anti-HOXC11 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657166
NCBI GeneID	3227
NCBI Accession #	NP_055027
NCBI GenBank Nucleotide #	NM_014212.3
UniProt Accession #	O43248; Q96DH2; A8K7D1
Molecular Weight	33,748 Da
NCBI Official Full Name	homeobox protein Hox-C11
NCBI Official Synonym Full Names	homeobox C11
NCBI Official Symbol	HOXC11
NCBI Official Synonym Symbols	HOX3H
NCBI Protein Information	homeobox protein Hox-C11
UniProt Protein Name	Homeobox protein Hox-C11
UniProt Gene Name	**HOXC11**
UniProt Synonym Gene Names	HOX3H
UniProt Entry Name	HXC11_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/hoxc11-antibody-clone-4b8-western-blot-immunofluorescence-flow-cytometry-elisa/74793