Mouse anti-Human BARX1 Monoclonal Antibody | anti-BARX1 antibody

BARX1 (Prognostic Biomarker in Hepatocellular Carcinoma)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215159	**Mouse**	**Human**	**Immunohistochemistry**

PRODUCT SYNONYMS

BARX1; Monoclonal Antibody; BARX1 (Prognostic Biomarker in Hepatocellular Carcinoma); BarH like homeobox 1; BarX 1; BARX homeobox 1; Homeobox protein BarH like 1; anti-BARX1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG, kappa
Clone Number	BARX1/2760
Specificity	BarX1 is a member of the Bar subclass of homeobox transcription factors. Studies of the Mouse and chick homolog suggest the encoded protein may play a role in developing teeth and craniofacial mesenchyme of neural crest origin. The protein may also be associated with differentiation of stomach epithelia. Down-regulation of Barx1 promotes HCC migration, invasion and metastasis, whereas up-regulation of Barx1 inhibits HCC migration, invasion and metastasis. The loss of Barx1 expression represents a prognostic biomarker in human HCC.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	254
Applicable Applications for anti-BARX1 antibody	IHC (Immunohistochemistry)
Positive Control	HepG2 cell lysate. Human pancreas.
Immunogen	Recombinant full-length human BARX1 protein.
Cellular Localization	Nuclear.
Hu-chromosome Location	9q22.32
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

SDS-PAGE
SDS-PAGE Analysis Purified AKT1 Mouse Monoclonal Antibody (AKT1/2784). Confirmation of Purity and Integrity of Antibody.

IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Pancreas stained with BARX1 Mouse Monoclonal Antibody (BARX1/2760).

ADDITIONAL INFORMATION

References	Wang, G., et al. Oncotarget. 2017 Sep 22; 8(42): 71867-71880

NCBI AND UNIPROT INFORMATION

NCBI GI #	39963537
NCBI GeneID	56033
Molecular Weight	24kDa
NCBI Official Full Name	BARX1 protein
NCBI Official Synonym Full Names	BARX homeobox 1
NCBI Official Symbol	BARX1
NCBI Protein Information	homeobox protein BarH-like 1

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/barx1-antibody-clone-barx1-2760-immunohistochemistry-elisa/215159