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36-3037: Anti-BARX1 (Prognostic Biomarker in Hepatocellular Carcinoma) Monoclonal Antibody(Clone: BARX1/2759)

Clonality :	Monoclonal
Clone Name :	BARX1/2759
Application :	IHC
Reactivity :	Human
Gene :	BARX1
Gene ID :	56033
Uniprot ID :	Q9HU1
Alternative Name :	BarH like homeobox 1; BarX 1; BARX homeobox 1; Homeobox protein BarH like 1
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant fragment of human BARX1 protein (around aa 155-254) (exact sequence is proprietary)

Description

BarX1 is a member of the Bar subclass of homeobox transcription factors. Studies of the Mouse and chick homolog sÂµggest 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

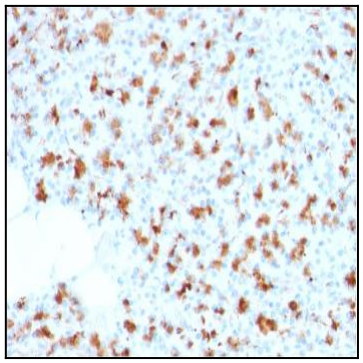

Fig. 1: Formalin-fixed, paraffin-embedded human Pancreas stained with BARX1 Mouse Monoclonal Antibody (BARX1/2759).

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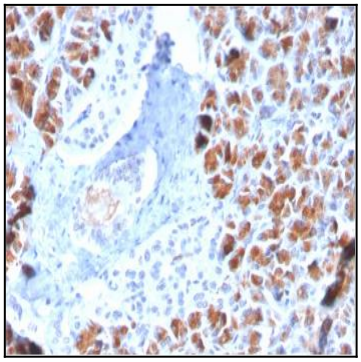

Fig. 2: Formalin-fixed, paraffin-embedded human Pancreas stained with BARX1 Mouse Monoclonal Antibody (BARX1/2759).

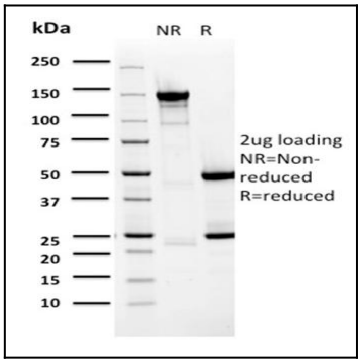

Fig. 3: SDS-PAGE Analysis Purified BARX1 Mouse Monoclonal Antibody (BARX1/2759). Confirmation of Purity and Integrity of Antibody

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