

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	BARX1/2759
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	BARX1
<b>Gene ID :</b>	56033
<b>Uniprot ID :</b>	Q9HU1
<b>Alternative Name :</b>	BarH like homeobox 1; BarX 1; BARX homeobox 1; Homeobox protein BarH like 1
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	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 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.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	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.
<b>Storage condition :</b>	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°C followed by cooling at RT for 20 minutes);

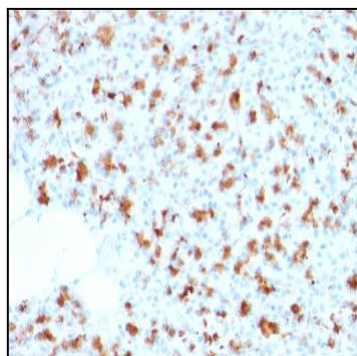


Fig. 1: Formalin-fixed, paraffin-embedded human Pancreas stained with BARX1 Mouse Monoclonal Antibody (BARX1/2759).

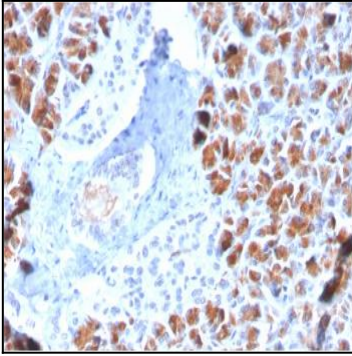


Fig. 2: Formalin-fixed, paraffin-embedded human Pancreas stained with BARX1 Mouse Monoclonal Antibody (BARX1/2759).

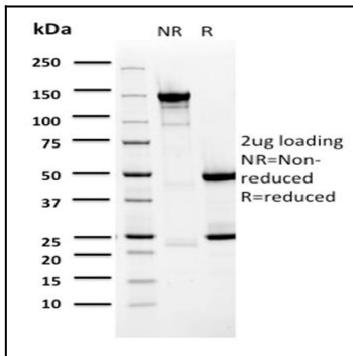


Fig. 3: SDS-PAGE Analysis Purified BARX1 Mouse Monoclonal Antibody (BARX1/2759). Confirmation of Purity and Integrity of Antibody