

Product Datasheet

Mohawk homeobox Antibody (OTI6B12) NBP2-45863

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-45863

Mohawk homeobox Antibody (OTI6B12)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI6B12
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	39.2 kDa

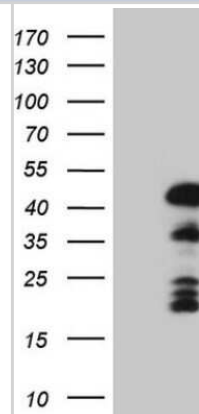
Product Description	
Host	Mouse
Gene ID	283078
Gene Symbol	MKX
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human MKX(NP_775847) produced in E.coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150



Images

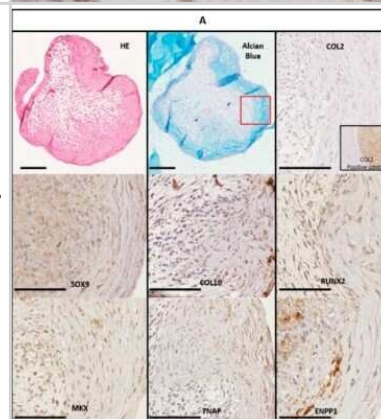
Western Blot: Mohawk homeobox Antibody (OTI6B12) [NBP2-45863] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Mohawk homeobox.



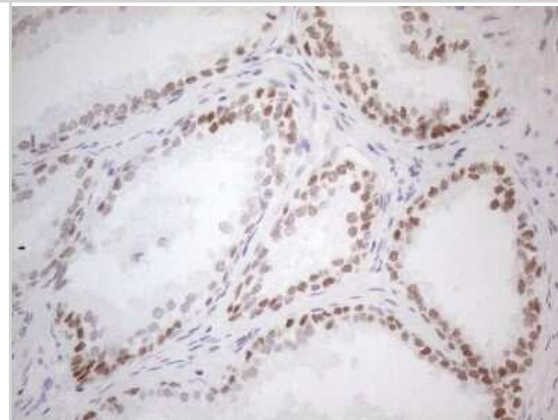
Immunohistochemistry-Paraffin: Mohawk homeobox Antibody (OTI6B12) [NBP2-45863] - Analysis of Carcinoma of Human prostate tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



Immunohistochemistry: Mohawk homeobox Antibody (OTI6B12) [NBP2-45863] - Characterization of TLC cultured in chondrogenic pellets. Representative images of histological and immunohistochemical staining of TLC pellets (CH medium) for COL2, SOX9, COL10, RUNX2, MKX, TNAP, and ENPP1. COL2 positive control was obtained with a chondrosarcoma sample. HE: Hematoxylin and eosin. Scale bar 100 μ m. Image collected and cropped by CiteAb from the following publication (<https://www.mdpi.com/2077-0383/8/10/1544>), licensed under a CC-BY license.



Immunohistochemistry-Paraffin: Mohawk homeobox Antibody (OTI6B12) [NBP2-45863] - Analysis of Human prostate tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



Publications

Darrieutort-Laffite C, Arnolfo P, Garraud T et al. Rotator Cuff Tenocytes Differentiate into Hypertrophic Chondrocyte-Like Cells to Produce Calcium Deposits in an Alkaline Phosphatase-Dependent Manner J Clin Med [PMID: 31561454] (IF/IHC)



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Products Related to NBP2-45863

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
DY417-05	IL-10 [Biotin]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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