

Product Datasheet

SOX10 Antibody (1E6)

H00006663-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 4

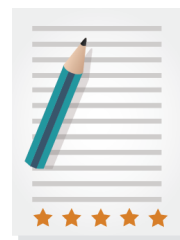
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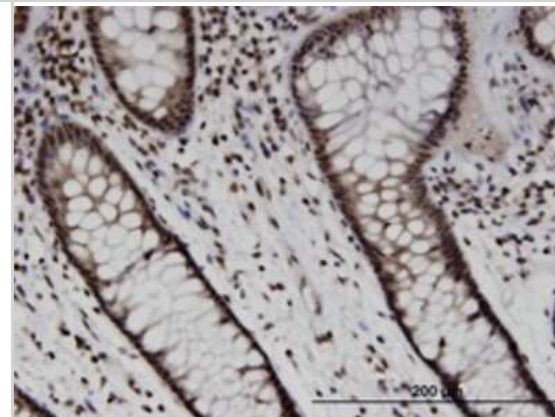
SOX10 Antibody (1E6)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6663
Gene Symbol	SOX10
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26024302). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	SOX10 - SRY (sex determining region Y)-box 10 (1E6)
Immunogen	SOX10 (NP_008872, 336 a.a. ~ 433 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. KPPGVALPTVSPPGVDAKAQVKTETAGPQGPPHYTDQPSTSQIAYTSLSLPHY GSAFPSISRPFQFDYSDHQPSGPYYGHSGQASGLYSAFSYMGPSQR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.



Images

Immunohistochemistry-Paraffin: SOX10 Antibody (1E6) [H00006663-M01] - Analysis of monoclonal antibody to SOX10 on formalin-fixed paraffin-embedded human colon. Antibody concentration 1.5 ug/ml.



Publications

Mehta A, Davey J, Gharpuray-Pandit D et al. Cutaneous Myoepithelial Neoplasms on Acral Sites Show Distinctive and Reproducible Histopathologic and Immunohistochemical Features *The American journal of surgical pathology* 2022-03-31 [PMID: 35354162]

Llamas-Velasco M, Mentzel T, Requena L et al. Cutaneous PEComa does not harbor TFE3 gene fusions. Immunohistochemical and molecular study of 17 cases. *Histopathology* 2013-03-26

Kim JE, Chang SE, Yeo UC et al. Histopathological study of the treatment of melasma lesions using a low-fluence Q-switched 1064-nm neodymium:yttrium-aluminium-garnet laser. *Clin Exp Dermatol.* 2013-03-01 [PMID: 23397944]

McCoy CR, Stadelman BS, Brumaghim JL et al. Arsenic and Its Methylated Metabolites Inhibit the Differentiation of Neural Plate Border Specifier Cells *Chem. Res. Toxicol.* 2015-06-10 [PMID: 26024302] (IHC-P, Mouse)

Details:

SOX10 antibody (clone 1E6) was used for IHC-P staining of embryoid bodies which were generated / differentiated from mouse P19 mouse embryonal carcinoma cell line using the hanging drop method (Wang and Yang 2008, *J Visualized Exp.* 17, 825). The staining assay implicated antigen retrieval via citric acid buffer pH 6 using microwave, 1 hour blocking with 1× PBS, 5%BSA, and 0.05% Tween-20, use of primary at 1:200 dilution with 4C ON incubation, detection with Alexa Fluor conjugated secondary antibody (Figure 2, Figure 4).



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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