SOX10 Recombinant Monoclonal Antibody [BLR080G]

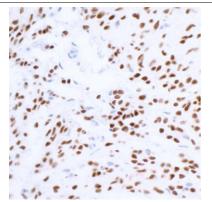
Rabbit Recoml Purified Catalog No. Lot No.	alog No. A700-080		Protein ID GenelD	NP_008872.1 6663		BETHYL LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC, ICC, mIF					
SPECIES REACTIVITY		Human, Mouse					
AMOUNT		100 µl (50+ tests)					
CONCENTRATION		50 μg/ml					
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
CLONE #		BLR080G					
ORIGIN		USA					
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.					
		Immunogen was a peptide representing a region between residue 416 and the C-terminus (residue 466) of human SOX10 using the numbering given in entry NP_008872.1 (Gene ID 6663).					
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.					
		Western Blot	1:	1000			
		Immunoprecipi	tation 20	µl/1 mg lysate			
		Immunohistoch	,	100 to 1:500. Epitope retrie commended for FFPE tissue	e retrieval with citrate buffer pH6.0 is tissue sections.		
		Immunocytoch		100 to 1:500. Epitope retrie commended for FFPE cell se	pe retrieval with citrate buffer pH6.0 is PE cell sections.		
		Multiplex Immunofluores		:250			
IHC HUMAN CONTROLS A-2058 Cells, I			1alme-3M ce	lme-3M cells, MDA-MB-435 Cells, SK-MEL-28 Cells, UACC-257 Cells			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-080 Use the link above to view SDS, a current list of citations, and other product specific information.					

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: November 5, 2019

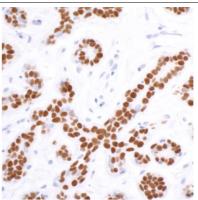
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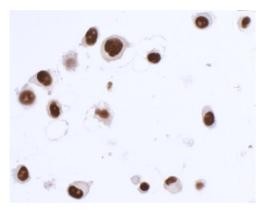
A700-080



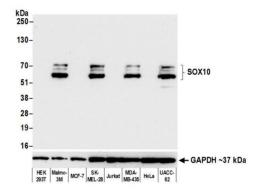
Detection of human SOX10 in FFPE melanoma by IHC. *Antibody:* Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human SOX10 in FFPE breast carcinoma by IHC. Antibody: Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080 lot 1). Secondary: HRPconjugated goat anti-rabbit IgG (A120-501P). Substrate: DAB.

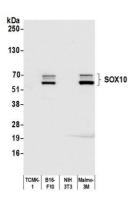


Detection of human SOX10 in FFPE SK-MEL-28 cells by ICC. *Antibody:* Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human SOX10 by western blot. Samples: Whole cell lysate (15 µg) from HEK293T, Malme-3M, MCF-7, SK-MEL-28, Jurkat, MDA-MB-435, HeLa, and UACC-62 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-GAPDH (A300-639A).

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kDa 250-130-70-51-78-28-19-16-* - - <u>A305.521A</u> - + <u>A305.799-M</u> - + <u>A305.799-M</u>

IP/WB

Detection of mouse SOX10 by western blot. *Samples:* Whole cell lysate from TCMK-1 (50 µg), B16-F10 (15 µg), NIH 3T3 (50 µg), and Malme-3M (15 µg) cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 seconds. Detection of human SOX10 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Malme-3M cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080 lot 1) used for IP at 20 μ l/mg lysate. SOX10 was also immunoprecipitated by a rabbit anti-SOX10 antibodies (A305-521A, A305-799A). For blotting immunoprecipitated SOX10, A700-080 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.