SOX10 Recombinant Monoclonal Antibody [BLR080G]

Rabbit Recombinant Monoclonal

Purified

Catalog No.	A700-080-T	Protein ID	NP_008872.1
Lot No.	A700-080-T-1	GeneID	6663

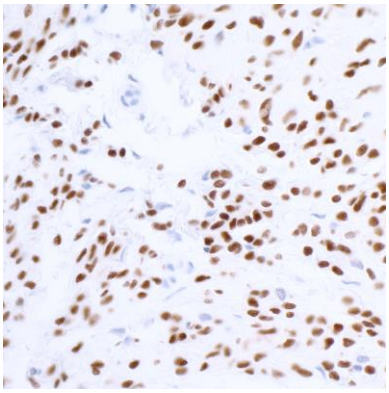
APPLICATIONS	WB, IP, IHC, ICC, mIF
SPECIES REACTIVITY	Human, Mouse
AMOUNT	10 µl (5+ tests)
CONCENTRATION	50 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR080G
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
Immunoprecipitation	20 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
Multiplex Immunofluorescence	1:250

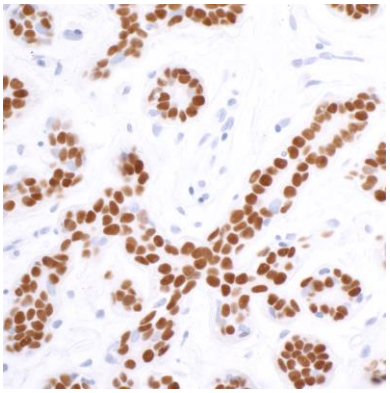
IHC HUMAN CONTROLS	A-2058 Cells, Malme-3M cells, MDA-MB-435 Cells, SK-MEL-28 Cells, UACC-257 Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-080-T Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

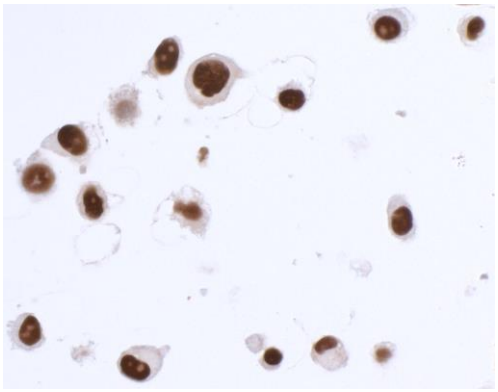
Eric McIntush, PhD | Chief Scientific Officer Date: November 5, 2019



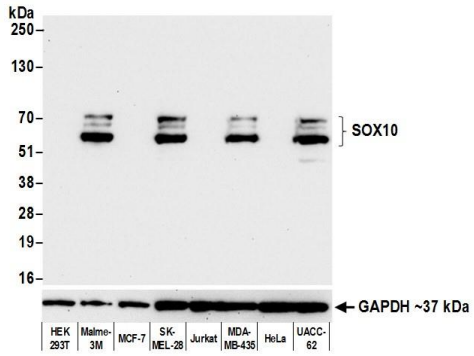
Detection of human SOX10 in FFPE melanoma by IHC. *Antibody:* Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



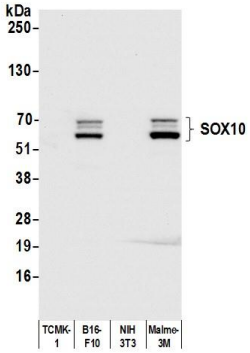
Detection of human SOX10 in FFPE breast carcinoma by IHC. *Antibody:* Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



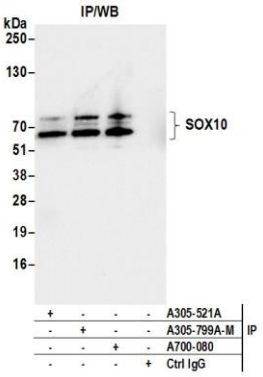
Detection of human SOX10 in FFPE SK-MEL-28 cells by ICC. *Antibody:* Rabbit anti-SOX10 recombinant monoclonal antibody [BLR080G] (A700-080-T lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



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-T 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).



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-T 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-T lot 1) used for IP at 20 µl/mg lysate. SOX10 was also immunoprecipitated by a rabbit anti-SOX10 antibodies (A305-521A, A305-799A). For blotting immunoprecipitated SOX10, A700-080-T was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.