c-Maf Recombinant Monoclonal Antibody [BLR045F]

Rabbit Recombinant Monoclonal

Purified

Catalog No. A700-045

Lot No. A700-045-3

Protein ID NP_005351.2

GeneID 4094

APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl (50+ tests)
CONCENTRATION	1000 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 0.09% Sodium Azide, BSA Free
ISOTYPE	IgG
CLONE #	BLR045F
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residues 125 and 175 of human MAF bZIP transcription factor (c-Maf) using the numbering given in entry NP_005351.2 (Gene ID 4094).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

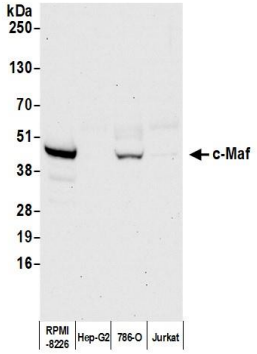
Western Blot	1:1000
Immunoprecipitation	6 µl/1 mg lysate
Immunohistochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunocytochemistry	1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.

IHC HUMAN CONTROLS	Appendix, Tonsil, 786-O Cells, HEK293T Cells, Ramos Cells, RPMI-8226 Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-045 Use the link above to view SDS, a current list of citations, and other product specific information.

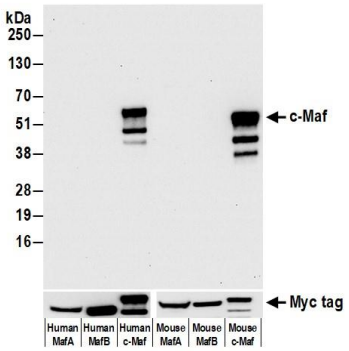
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Brian McWilliams, PhD

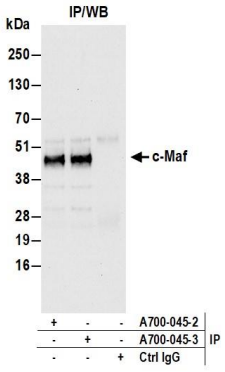
Date: December 29, 2020



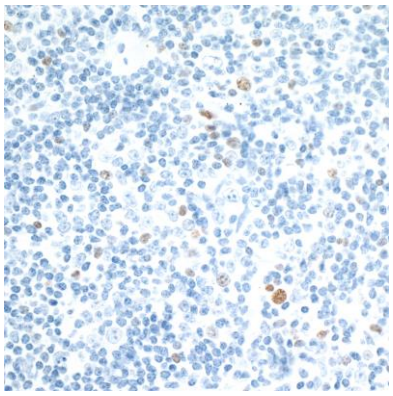
Detection of human c-Maf by western blot. *Samples:* Whole cell lysate (50 µg) from RPMI-8226, Hep-G2, 786-O, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-c-Maf recombinant monoclonal antibody [BL-664A-5F2] (A700-045 lot 3) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds.



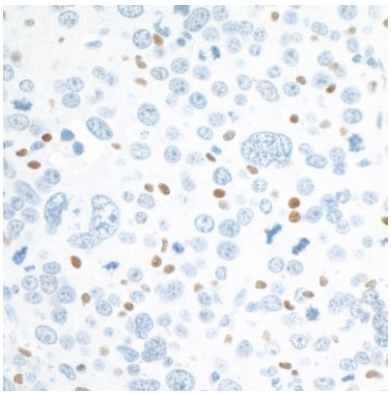
Detection of human c-Maf by western blot of HEK293T transfected with myc tagged human or mouse MafA, MafB, or c-Maf. *Antibody:* Rabbit anti-c-Maf recombinant monoclonal antibody [BLR045R] (A700-045 lot 3) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Myc Tag recombinant monoclonal antibody [BLRE01G](A191-101A).



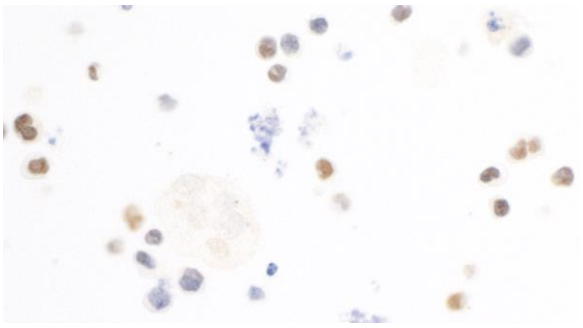
Detection of human c-Maf by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-c-Maf recombinant monoclonal antibody [BL-664A-5F2] (A700-045 lot 3) used for IP at 6 µl per reaction. c-Maf was also immunoprecipitated by a previous lot of this antibody (lot 2). For blotting immunoprecipitated c-Maf, A700-045 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.



Detection of human c-MAF by immunohistochemistry. *Sample:* FFPE section of human tonsil. *Antibody:* Rabbit anti-c-MAF recombinant monoclonal antibody [BLR045F] (A700-045 lot 3) used at 1:125. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of mouse c-MAF by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Rabbit anti-c-MAF recombinant monoclonal antibody [BLR045F] (A700-045 lot 3) used at 1:125. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human c-MAF by immunocytochemistry. *Sample:* FFPE section of RPMI-8226 cells. *Antibody:* Rabbit anti-c-MAF recombinant monoclonal antibody [BLR045F] (A700-045 lot 3) used at 1:125. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.