c–Myb Antibody
Rabbit Polyclonal

Catalog No. A304–136A
Protein ID NP_005366.2
GeneID 4602

APPLICATIONS
IP, IHC

SPECIES REACTIVITY
Human

ISOTYPE
IgG

AMOUNT
100 µl at 1 mg/ml

STORAGE/SHELF LIFE
2 – 8°C / 1 year from date of receipt

PHYSICAL STATE
Liquid

BUFFER
Tris–citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ORIGIN
USA

PRODUCTION PROCEDURES
Antibody was affinity purified using an epitope specific to c–Myb immobilized on solid support. The epitope recognized by A304–136A maps to a region between residue 175 to 225 of human V–myb Myeloblastosis Viral Oncogene Homolog using the numbering given in entry NP_005366.2 (GeneID 4602).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

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
Not recommended. Use rabbit anti–c–Myb antibody A304–138A.

Immunoprecipitation
2 – 10 µg/mg lysate

Immunohistochemistry
1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES
Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti–Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).

IHC HUMAN CONTROLS
Breast Carcinoma, Salivary Gland

ADDITIONAL INFO
https://www.bethyl.com/product/A304–136A
Use the link above to view SDS, a current list of citations, and other product specific information. IP–western blot protocol https://www.bethyl.com/content/protocol_IP_WB
Detection of human c-Myb by western blot of immunoprecipitates. **Samples:** Whole cell lysate (1 mg for IP; 20% of IP loaded) from MOLT-4 cells. **Antibodies:** Affinity purified rabbit anti-c-Myb antibody A304–136A (lot A304–136A–1) used for IP at 6 µg/mg lysate. c-Myb was also immunoprecipitated by rabbit anti-c-Myb antibodies A304–134A, A304–135A and A304–137A. For blotting immunoprecipitated c-Myb, A304–138A was used at 1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 10 seconds.

Detection of human c-Myb by immunohistochemistry. **Sample:** FFPE section of human breast carcinoma. **Antibody:** Affinity purified rabbit anti-c-Myb (Cat. No. A304–136A Lot1) used at a dilution of 1:1,000 (1 µg/ml). **Detection:** DAB