NF90 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A303-651A

Lot No. A303-651A-1

Protein ID NP_004507.2

GeneID 3609

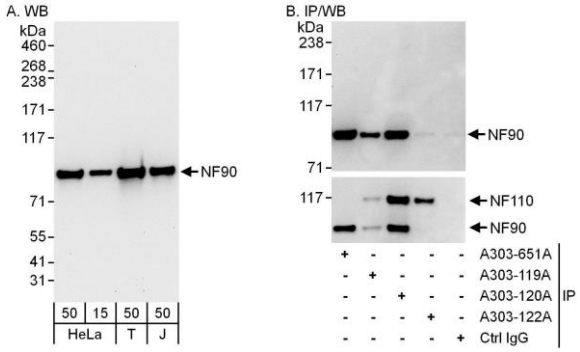
APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Monkey
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to NF90 immobilized on solid support. The epitope recognized by A303-651A maps to a region between residue 652 and 702 of human Nuclear Factor of Activated T-cells, 90 kD using the numbering given in entry NP_004507.2 (GeneID 3609). 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	1:2,000 - 1:10,000
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

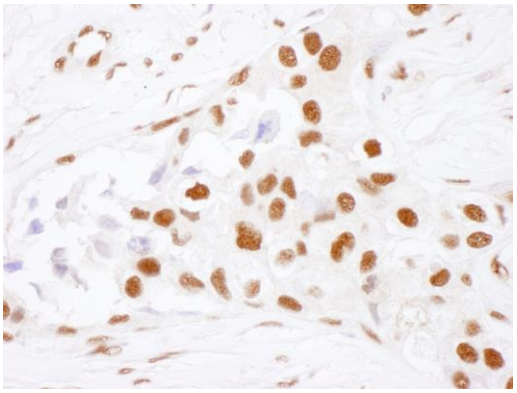
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A303-651A 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

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: June 21, 2019



Detection of human NF90 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa(15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NF90 antibody A303-651A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. NF90 was also immunoprecipitated by rabbit anti-NF90/NF110 antibodies A303-119A and A303-120A, which recognize upstream epitopes. NF90 was not immunoprecipitated by rabbit anti-NF110 antibody A303-122A. For blotting NF90 and NF110 (lower panel in B), A303-119A was used. *Detection:* Chemiluminescence with exposure times of 10 seconds (A and B).



Detection of human NF90 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti- NF90 (Cat. No. A303-651A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB