

# NF90/NF110 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_036350.2

Catalog No. A303-121A

GeneID 3609

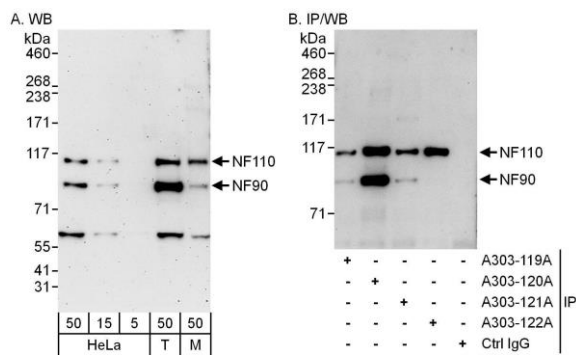
Lot No. A303-121A-1



APPLICATIONS	WB, IHC						
SPECIES REACTIVITY	Human, Mouse						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat						
AMOUNT	100 µl						
CONCENTRATION	200 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to NF90/NF110 immobilized on solid support.</p> <p>The epitope recognized by A303-121A maps to a region between residue 325 and 375 of human Nuclear Factor of Activated T-cells 90 kDa, 110 kDa using the numbering given in entry NP_036350.2 (GeneID 3609).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>						
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>Not recommended</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	Not recommended	Immunohistochemistry	1:100 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
Western Blot	1:2,000 – 1:10,000						
Immunoprecipitation	Not recommended						
Immunohistochemistry	1:100 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.						
APPLICATION NOTES	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						
IHC MOUSE CONTROLS	Teratoma						
ADDITIONAL INFO	<p><a href="https://www.bethyl.com/product/A303-121A">https://www.bethyl.com/product/A303-121A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>						

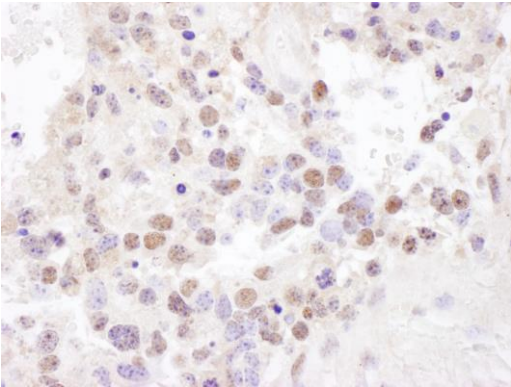
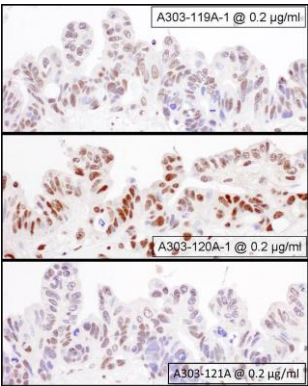
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



**Detection of human and mouse NF90 and NF110 by western blot (h & m) and immunoprecipitation (h).** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-NF90/NF110 antibody A303-121A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. NF90 and/or NF110 were also immunoprecipitated by rabbit anti-NF90/NF110 antibodies A303-119A and A303-120A as well as anti-NF110 antibody A303-122A, each of which recognizes a different epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

**Detection of human NF90 and NF110 by immunohistochemistry.** *Samples:* FFPE serial sections of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- NF90/NF110 (Cat. No. A303-119A Lot1, upper panel, Cat. No. A303-120A Lot1, middle panel and Cat. No. A303-121A Lot1, lower panel) used at a dilution of 1:5,000 (0.2µg/ml) or 1:1,000 ( 0.2µg/ml). *Detection:* DAB



**Detection of mouse NF90 and NF110 by immunohistochemistry.** *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti-NF90/NF110 (Cat. No. A303-121A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB

