

DFF45/DFFA Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_004392.1

Catalog No. A301-420A

GeneID 1676

Lot No. A301-420A-1



APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

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 Antibody was affinity purified using an epitope specific to DFF45/DFFA immobilized on solid support.

The epitope recognized by A301-420A maps to a region between residue 271 and 331 of human DNA fragmentation factor, 45kDa, alpha polypeptide using the numbering given in entry NP_004392.1 (GeneID 1676).

Immunoglobulin 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 – 5 µg/mg lysate

Immunohistochemistry 1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

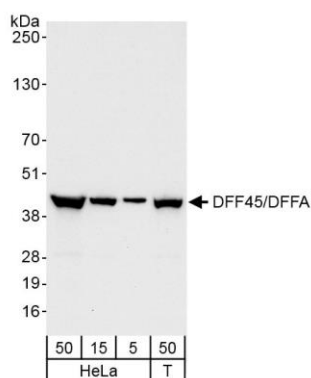
APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

IHC HUMAN CONTROLS Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A301-420A>

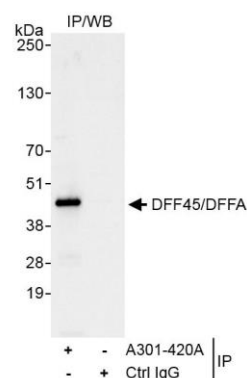
Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol https://www.bethyl.com/content/protocol_IP_WB

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: October 18, 2019



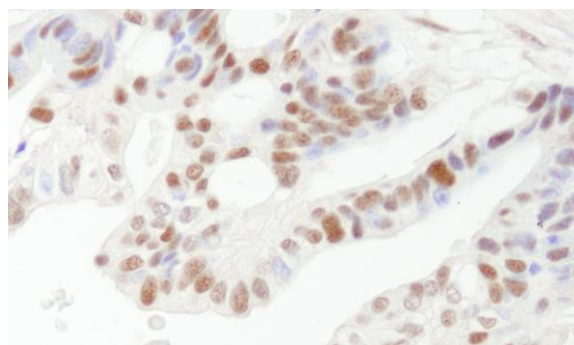
Detection of human DFF45/DFFA by western blot.

Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g) and HEK293T (T; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-DFF45/DFFA antibody A301-420A (lot A301-420A-1) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.



Detection of human DFF45/DFFA by western blot of immunoprecipitates.

Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-DFF45/DFFA antibody A301-420A (lot A301-420A-1) used for IP at 3 μ g/mg lysate. For blotting immunoprecipitated DFF45/DFFA, A301-420A was used at 1.0 μ g/ml. *Detection:* Chemiluminescence with exposure time of 1 second.



Detection of human DFF45/DFFA by immunohistochemistry.

Sample: FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-DFF45/DFFA (Cat. No. A301-420A lot 1) used at a dilution of 1:200 (1 μ g/ml). *Detection:* DAB