PAF49 IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. IHC-00474

Lot No. IHC-00474-1

Protein ID NP_036231.1

GeneID 10849

APPLICATIONS	IHC, ICC-IF
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Gorilla and Chimpanzee
AMOUNT	100 µl
CONCENTRATION	250 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 PAF49 immobilized on solid support. The epitope recognized by IHC-00474 maps to a region between residue 404 and 454 of human RNA polymerase I-associated factor PAF49 (CD3-epsilon-associated protein) using the numbering given in entry NP_036231.1 (GeneID 10849). 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.

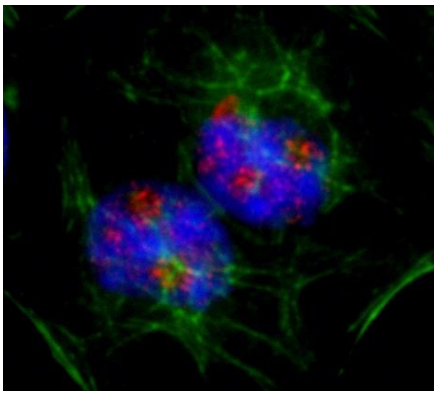
Immunohistochemistry	1:100 - 1:1,500
Immunofluorescence (ICC)	1:100 - 1:500

APPLICATION NOTES	Epitope exposure is recommended. Epitope exposure with tris-EDTA pH9.0 buffer will enhance staining. Likely to work with frozen sections. In some cases, the antibody may be diluted further than indicated. Formaldehyde-Fixed Cells 1:100 - 1:500: Permeabilization with Triton-X 100 is recommended
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Non-Small Cell Lung Cancer, Prostate Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma, HeLa Cells
ADDITIONAL INFO	https://www.bethyl.com/product/IHC-00474 Use the link above to view SDS, a current list of citations, and other product specific information.

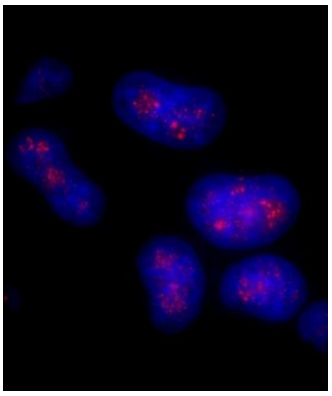
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



Detection of human PAF49 by immunocytochemistry. *Sample:* Formaldehyde-fixed asynchronous HeLa cells. *Antibody:* Affinity purified rabbit anti-PAF49 (Cat. No. IHC-00474) used at a dilution of 1:125. *Detection:* Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody Hilyte Plus™ 555 used at a dilution of 1:100.



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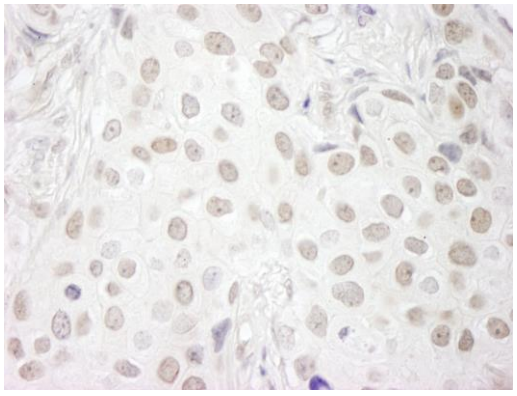
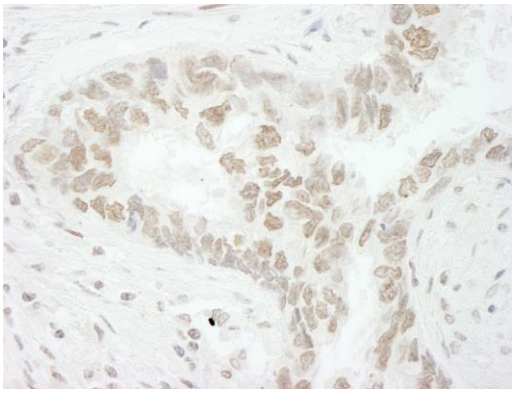


Detection of human PAF49 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-PAF49 (Cat. No. IHC-00474) used at a dilution of 1:1,250. *Detection:* DAB



Detection of human PAF49 by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-PAF49 (Cat. No. IHC-00474) used at a dilution of 1:1,250. *Detection:* DAB