Phospho XRCC1 (S461) IHC Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P18887

Catalog No. IHC-00116 GeneID 7515

Lot No. IHC-00116-1

APPLICATIONS IHC

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Orangutan, Monkey,

Gorilla, Chimpanzee, Northern white-cheeked gibbon and Crab-eating macaque

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 Antibody was affinity purified using an epitope specific to Phospho XRCC1 (S461) immobilized

PROCEDURES on solid support.

The epitope recognized by IHC-00116 maps to a region surrounding residue Ser 416 of human X-ray Repair Complementing protein 1 using the numbering given in SwissProt entry P18887

(GenelD 7515).

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 - 1:500

APPLICATION NOTES Epitope exposure is recommended.

Epitope exposure with citrate buffer will enhance staining.

Likely to work with frozen sections.

In some cases, the antibody may be diluted further than indicated.

IHC HUMAN CONTROLS Breast Carcinoma, Laryngeal Squamous Cell Carcinoma, Ovarian Carcinoma, Prostate Carcinoma,

Skin Basal Cell Carcinoma, Stomach Adenocarcinoma

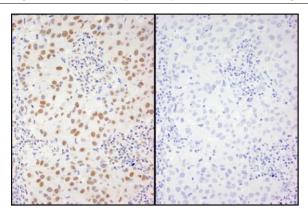
IHC MOUSE CONTROLS Squamous Cell Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/IHC-00116

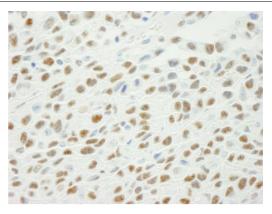
Use the link above to view SDS, a current list of citations, and other product specific information.

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 Phospho XRCC1 (S461) by immunohistochemistry. Samples: FFPE serial sections of human breast adenocarcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho XRCC1 (S461). Antibody: Affinity purified rabbit anti-Phospho XRCC1 (S461). (Cat. No. IHC-00116) used at a dilution of 1:250. Detection: DAB



Detection of mouse Phospho XRCC1 (S461) by immunohistochemistry. *Sample:* FFPE section of mouse squamous cell carcinoma. *Antibody:* Affinity purified rabbit anti–Phospho XRCC1 (S461). (Cat. No. IHC–00116) used at a dilution of 1:250. *Detection:* DAB