

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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KIFC1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_002254.1

Catalog No. A300-951A GeneID 3833

Lot No. A300-951A-1

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

AMOUNT 100 μl

CONCENTRATION 1000 μg/ml

STORAGE/SHELF LIFE $2 - 8^{\circ} \text{ C} / 1 \text{ year from date of receipt}$

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 KIFC1 immobilized on solid support.

The epitope recognized by A300-951A maps to a region between residue 1 and 50 of human Kinesin Family Member C1 (Mitotic Kinesin-Like Protein 2) using the numbering given in entry

NP_002254.1 (GeneID 3833).

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 - 1:10,000Immunoprecipitation $2 - 5 \mu g/mg$ lysate

Immunohistochemistry 1:1,000 – 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 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 Ovarian Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A300-951A

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

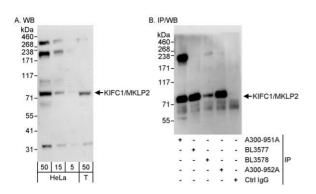
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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

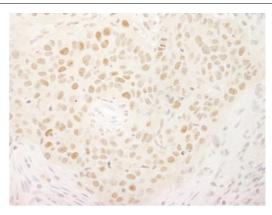
Date: June 21, 2019



KIFC1 Antibody A300-951A



Detection of human KIFC1/MKLP2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 μ g) cells. Antibodies: Affinity purified rabbit anti–KIFC1/MKLP2 antibody A300–951A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate (B). KIFC1/MKLP2 was also immunoprecipitated by rabbit anti–KIFC1/MKLP2 antibodies BL3577, BL3578 and A300–952A, which recognize downstream epitopes. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Detection of human KIFC1/MKLP2 by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti–KIFC1/MKLP2 (Cat. No. A300–951A Lot1) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB