## **EphA2 Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_004422.2

Catalog No. A302-025A GeneID 1969

Lot No. A302-025A-2

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

 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 EphA2 immobilized on solid support.

The epitope recognized by A302-025A maps to a region between residue 926 and 976 of human

ephrin receptor A2 using the numbering given in entry NP\_004422.2 (GeneID 1969).

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 - 10 µg/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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.

ADDITIONAL INFO https://www.bethyl.com/product/A302-025A

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

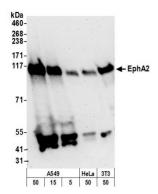
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

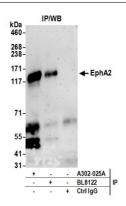
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



EphA2 Antibody A302-025A





Detection of human and mouse EphA2 by western blot. Samples: Whole cell lysate from A-549 (5, 15, 50 μg), HeLa (50μg), and mouse NIH 3T3 (50μg) cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-EphA2 antibody A302-025A (lot A302-025A-2) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

Detection of human EphA2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from A-549 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-EphA2 antibody A302-025A (lot A302-025A-2) used for IP at 6 μg per reaction. EphA2 was also immunoprecipitated by rabbit anti-EphA2 antibody BL8122. For blotting immunoprecipitated EphA2, A302-025A was used at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.