EB1 Antibody

Rabbit Polyclonal

SPECIES REACTIVITY

Antigen Affinity Purified Protein ID NP_036457.1

Catalog No. A302-333A GenelD 22919

Lot No. A302-333A-1

APPLICATIONS WB, IP, IHC

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat, Bovine and

Orangutan

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 EB1 immobilized on solid support.

The epitope recognized by A302–333A maps to a region between residue 245 and 268 of human

End-binding protein 1 using the numbering given in entry NP_036457.1 (GenelD 22919).

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 Iid. 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 10 μg/mg lysate

Immunohistochemistry 1:100 - 1:500. 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. \$100-020),

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).

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

IHC HUMAN CONTROLS Ovarian Carcinoma, Prostate Carcinoma

IHC MOUSE CONTROLS Teratoma

ADDITIONAL INFO https://www.bethyl.com/product/A302-333A

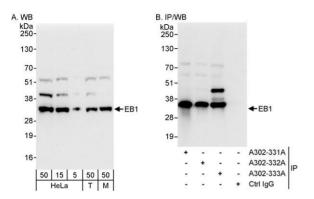
Use the link above to view SDS, a current list of citations, and other product specific information.

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

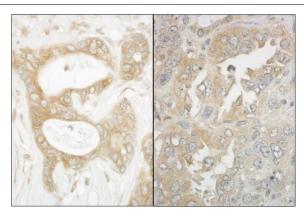
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



EB1 Antibody A302-333A



Detection of human and mouse EB1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μg), and mouse NIH 3T3 (M; 50 μg) cells. Antibodies: Affinity purified rabbit anti-EB1 antibody A302-333A used for WB at 0.04 μg/ml (A) and 1 μg/ml (B) and used for IP at 10 μg/mg lysate. EB1 was also immunoprecipitated by rabbit anti-EB1 antibodies A302-331A and A302-332A, which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



Detection of human and mouse EB1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-EB1 (Cat. No. A302-333A) used at a dilution of 1:200 (1µg/ml). Detection: DAB