

EWS Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID Q01844

Catalog No. A300-417A

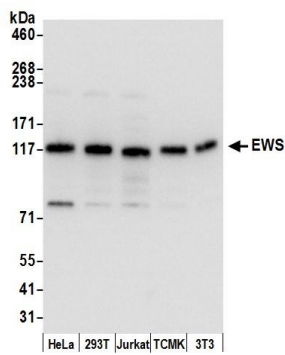
GeneID 2130

Lot No. A300-417A-2

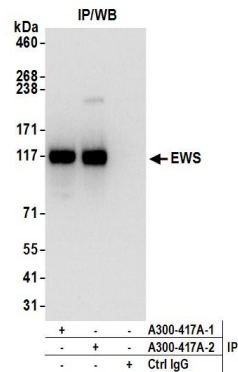


APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to EWS immobilized on solid support. The epitope recognized by A300-417A maps to a region between residues 100 and 150 of human Ewing sarcoma breakpoint region 1 using the numbering given in SwissProt entry Q01844 (GeneID 2130). 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 1:10,000 – 1:20,000 Immunoprecipitation 1 – 5 µg/mg lysate Immunohistochemistry 1:2,000 – 1:10,000. 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. 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	Bone Marrow-Metastatic Carcinoma, Breast Carcinoma, Colon Carcinoma, Laryngeal Squamous Cell Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-417A 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

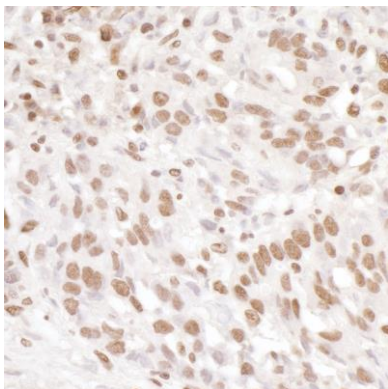
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human and mouse EWS by western blot.
Samples: Whole cell lysate (5 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-EWS antibody A300-417A (lot A300-417A-2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



Detection of human EWS by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-EWS antibody A300-417A (lot A300-417A-2) used for IP at 3 µg per reaction. EWS was also immunoprecipitated by a previous lot of this antibody (lot A300-417A-1). For blotting immunoprecipitated EWS, A300-417A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human EWS by immunohistochemistry.
Sample: FFPE section of human breast carcinoma.
Antibody: Affinity purified rabbit anti-EWS (Cat. No. A300-417A Lot2) used at a dilution of 1:5,000 (0.2µg/ml).
Detection: DAB