

CAR Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001329.1

Catalog No. A302-848A

GeneID 1525

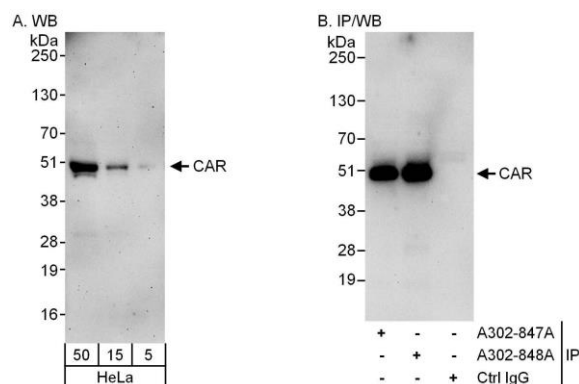
Lot No. A302-848A-1



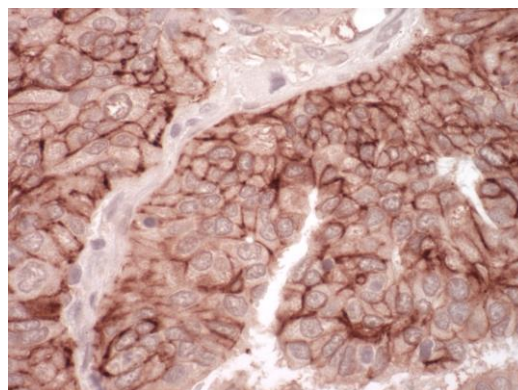
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Bovine and Orangutan						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
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 CAR immobilized on solid support. The epitope recognized by A302-848A maps to a region between residue 335 and 365 of human Cocksackievirus and Adenovirus Receptor Protein using the numbering given in entry NP_001329.1 (GeneID 1525). Antibody 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 5 µg/mg lysate	Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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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 4-20% 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						
ADDITIONAL INFO	https://www.bethyl.com/product/A302-848A 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 CAR by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CAR antibody A302-848A used for WB at 0.1 μ g/ml (A) and 0.4 μ g/ml (B) and used for IP at 3 μ g/mg lysate. CAR was also immunoprecipitated by rabbit anti-CAR antibody A302-847A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Detection of human CAR by immunohistochemistry.

Sample: FFPE section of human ovarian carcinoma.

Antibody: Affinity purified rabbit anti-CAR (Cat. No.

A302-848A Lot1) used at a dilution of 1:1,000 (1 μ g/ml).

Detection: Vector Laboratories ImmPACT NovaRED

Peroxidase Substrate