

CD147 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A304-488A

Lot No. A304-488A-1

Protein ID NP_001719.2

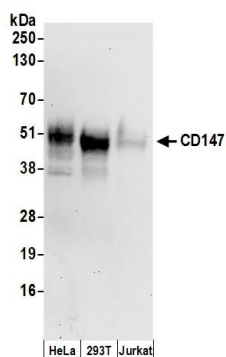
GeneID 682



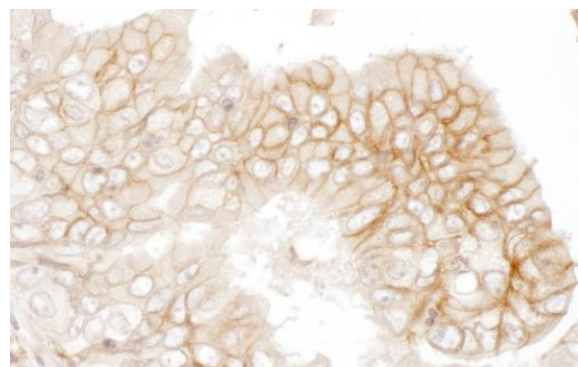
APPLICATIONS	WB, IHC						
SPECIES REACTIVITY	Human						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
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 CD147 immobilized on solid support. The epitope recognized by A304-488A maps to a region between residue 200 to 250 of human CD147 Antigen using the numbering given in entry NP_001719.2 (GeneID 682). 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>Not recommended</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	Not recommended	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 lysates performed using standard western blot reagents and 4–20% SDS-PAGE.						
ADDITIONAL INFO	https://www.bethyl.com/product/A304-488A Use the link above to view SDS, a current list of citations, and other product specific information.						

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 CD147 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CD147 antibody A304-488A (lot A304-488A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human CD147 by immunohistochemistry. *Sample:* FFPE section of human lung cancer. *Antibody:* Affinity purified rabbit anti-CD147 (Cat. No. A304-488A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB. *Counterstain:* Hematoxylin (blue).