

CD247/CD3Z Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P20963.2

Catalog No. A305-170A-T GeneID 919

Lot No. A305-170A-T-1

APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rabbit and Pig
AMOUNT	10 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 CD247/CD3Z immobilized on solid support.

The epitope recognized by A305-170A-T maps to a region between residue 75 to 125 of human T-cell surface glycoprotein CD3 zeta chain using the numbering given in entry P20963.2 (GeneID 919).

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.

Western Blot Not recommended. Use rabbit anti-CD247/CD3Z antibody A305-171A.

Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A305-170A-T>

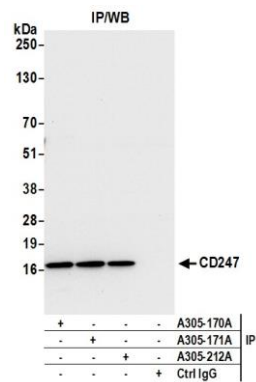
Use the link above to view SDS, a current list of citations, and other product specific information.

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.

Michael Spencer, PhD

Date: June 6, 2022



Detection of human CD247 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CD247 antibody A305-170A (lot A305-170A-1) used for IP at 6 µg per reaction. CD247 was also immunoprecipitated by rabbit anti-CD247 antibodies A305-171A and A305-212A. For blotting immunoprecipitated CD247, A305-170A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.