## CD247/CD3Z Antibody

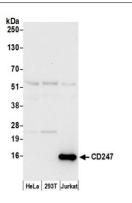
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	P20963.2	
•		171A-T	GenelD	919	
Lot No. A305–171A–T–1		Geneib			
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Sheep and Pig			
AMOUNT		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.			
APPLICATIONS		The epitope recognized by A305-171A-T maps to a region between residue 114 to 164 of human T-cell surface glycoprotein CD3 zeta chain using the numbering given in entry P20963.2 (GeneID 919).			
		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	1:2	2,000 – 1:10,000	
		Immunoprecip	itation 2 -	10 µg/mg lysate	
ADDITIONAL INF	÷0	https://www.bethyl.com/product/A305-171A-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			

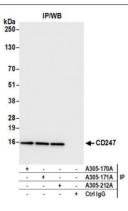
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: June 6, 2022

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**Detection of human CD247 by western blot.** *Samples:* Whole cell lysate (15  $\mu$ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CD247 antibody A305-171A (lot A305-171A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds. 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 A305-171A (lot A305-171A-1) used for IP at 6 µg per reaction. CD247 was also immunoprecipitated by rabbit anti-CD247 antibodies A305-170A and A305-212A. For blotting immunoprecipitated CD247, A305-171A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.