

CD7 Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_006128.1
Catalog No. A304-396A-T	Uniprot ID	P09564
Lot No. 1	GeneID	924

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
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 CD7 immobilized on solid support.

The epitope recognized by A304-396A-T maps to a region between residue 190 to 240 of human CD7 Molecule using the numbering given in entry NP_006128.1 (GeneID 924).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

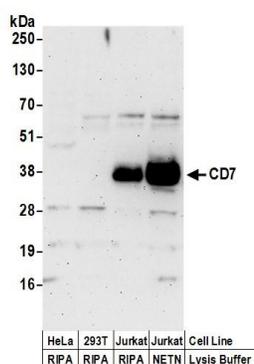
Western Blot	1:1000 - 1:5000
Immunoprecipitation	6 µg/mg lysate
Immunohistochemistry	1:500 - 1:2000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS Tumor-infiltrating Lymphocytes

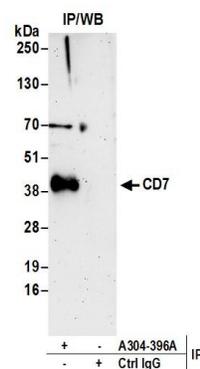
ADDITIONAL INFO <https://www.fortislife.com/p/A304-396A-T>

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

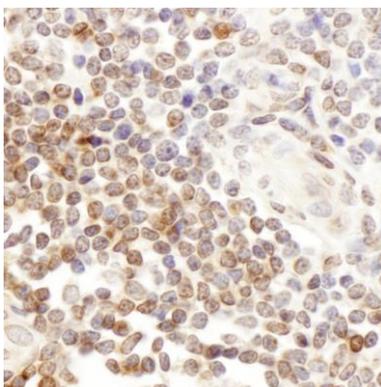
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: January 8, 2024



Detection of human CD7 by western blot. *Samples:* Whole cell lysate (50 µg) prepared using NETN or RIPA buffer from HeLa, HEK293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CD7 antibody A304-396A (lot A304-396A-1) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human CD7 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using RIPA buffer from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CD7 antibody A304-396A (lot A304-396A-1) used for IP at 6 µg per reaction. For blotting immunoprecipitated CD7, A304-396A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human CD7 by immunohistochemistry.

Sample: FFPE section of human stomach cancer infiltrating lymphocytes. *Antibody:* Affinity purified rabbit anti-CD7 (Cat. No. A304-396A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB