

# CD43 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001025459.1

Catalog No. A304-393A-T

GeneID 6693

Lot No. A304-393A-T-1

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<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to CD43 immobilized on solid support.

The epitope recognized by A304-393A-T maps to a region between residue 350 to 400 of human CD43 Molecule using the numbering given in entry NP\_001025459.1 (GeneID 6693).

## 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	1:2,000 – 1:10,000
Immunoprecipitation	2 – 10 µg/mg lysate
Immunohistochemistry	1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

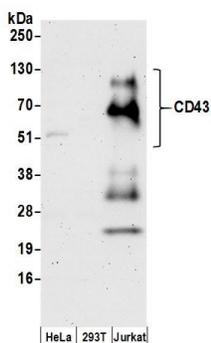
## ADDITIONAL INFO

<https://www.bethyl.com/product/A304-393A-T>

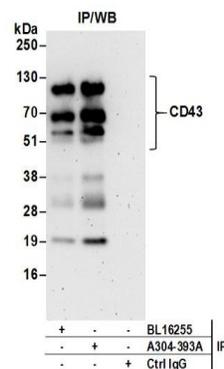
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

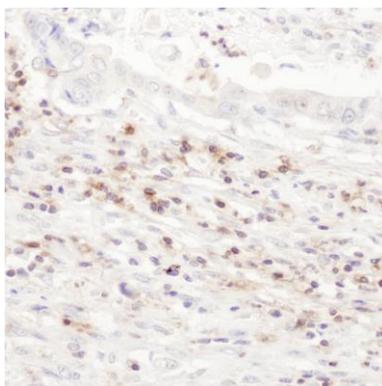
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: June 6, 2022



**Detection of human CD43 by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) prepared using RIPA buffer from HeLa, HEK293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CD43 antibody A304-393A (lot A304-393A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human CD43 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-CD43 antibody A304-393A (lot A304-393A-1) used for IP at 6  $\mu$ g per reaction. CD43 was also immunoprecipitated by rabbit anti-CD43 antibody BL16255. For blotting immunoprecipitated CD43, A304-393A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human CD43 by immunohistochemistry.** *Sample:* FFPE section of human lung cancer infiltrating cells. *Antibody:* Affinity purified rabbit anti-CD43 (Cat. No. A304-393A Lot1) used at a dilution of 1:1,000 (1  $\mu$ g/ml). *Detection:* DAB