CD30 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A304-421A

Protein ID NP_001234.2

Gene ID 943

APPLICATIONS	WB, IP
REACTIVITY TESTED	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Orangutan and Rhesus Monkey.
AMOUNT	0.1 ml at 1 mg/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
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to CD30 immobilized on solid support. The epitope recognized by A304-421A maps to a region between residue 1 to 50 of human Cytokine Receptor CD30 using the numbering given in entry NP_001234.2 (GeneID 943). 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 1:500 to 1:2,500 Immunoprecipitation 2 to 10 µg/mg lysate
APPLICATION NOTES	Validation by IP/Western Blot was performed using a 4-20% SDS-PAGE gel and ReliaBLOT® Reagents (Cat. No. WB120).
ADDITIONAL INFO	http://www.bethyl.com/product/A304-421A Use the link above to view a current list of citations and other product specific information.

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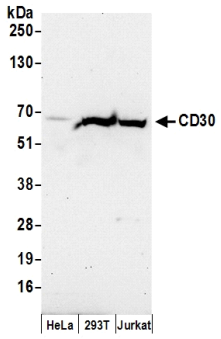
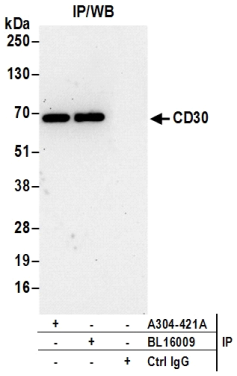


Detection of Human CD30 by Western Blot. *Samples:* Whole cell lysate (50 µg) prepared using NETN buffer from HeLa, 293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CD30 antibody A304-421A (lot A304-421A-1) used for WB at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of Human CD30 by Western Blot of Immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CD30 antibody A304-421A (lot A304-421A-1) used for IP at 6 µg per reaction. CD30 was also immunoprecipitated by rabbit anti-CD30 antibody BL16009. For blotting immunoprecipitated CD30, A304-421A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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SAFETY DATA SHEET

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This product contains Rabbit immunoglobulin G (IgG) protein in Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide.

INGREDIENT DESCRIPTIONS

HAZARDOUS:

Sodium Azide (NaN3) - Sodium azide is a hazardous chemical, however, this product is not considered to be a hazardous substance according to the OSHA Hazard Communications Standard (CFR 1910.1200), which states that, if a mixture contains less than 1% of a hazardous chemical or 0.1% of a carcinogen, the mixture shall not be considered hazardous.

In addition, Azide forms explosive chemical compounds with lead and copper plumbing. Care must be taken to wash waste down drains with large volumes of water. LD50 oral mouse 27 mg/kg. Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

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