## **DC8** Antibody

Rabbit Polyclonal Antigen Affinity Purified Catalog No. A300-794A Lot No. A300-794A-1

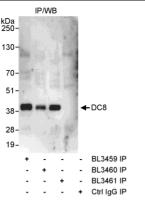
 Protein ID
 NP\_056286.2

 Gene ID
 25936



APPLICATIONS	IP, IHC-P, IF	
REACTIVITY TESTED	Human	
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Panda, Orangutan, Gorilla, Chimpanzee, White-tufted-ear marmoset and Northern white-cheeked gibbon.	
ISOTYPE	IgG	
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 DC8 immobilized on solid support.	
I NOCEDORES	The epitope recognized by A300-794A maps to a region between residue 150 and 200 of human DC8 (C1orf48) using the numbering given in entry NP_056286.2 (GeneID 25936 ).	
	Immunoglobulin 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-DC8 antibody A300-795A.
	Immunoprecipitation	2 to 5 μg/mg lysate
	Immunohistochemistry	1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
	Immunofluorescence	1:250 to 1:2,000
APPLICATION NOTES	Validation by IP/Western Blot was performed using a 4-20% SDS-PAGE gel and ReliaBLOT® Reagents (Cat. No. WB120).	
	IHC validation was performed using Immunohistochemistry Accessory Kit (Cat. # IHC-101).	
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma	
ADDITIONAL INFO	http://www.bethyl.com/product/A300-794A Use the link above to view SDS, a current list of citations, and other product specific information.	

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. Shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Western Detection of Human DC8 by Blot of Immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-DC8 antibody BL3459 (Cat. No. A300-794A) used for IP at 3 µg/mg lysate. DC8 was also immunoprecipitated by rabbit anti-DC8 antibodies BL3460 and BL3461 (Cat. No. A300-795A). For blotting immunoprecipitated DC8, BL3461 was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

**Detection of Human DC8 by Immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-DC8 (Cat. No. A300-794A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.