

# MSANTD2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_078907.2

Catalog No. A304-704A

GeneID 79684

Lot No. A304-704A-1



<b>APPLICATIONS</b>	IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 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 MSANTD2 immobilized on solid support.

The epitope recognized by A304-704A maps to a region between residue 225 to 275 of human Myb/SANT-like DNA-Binding Domain Containing 2 using the numbering given in entry NP\_078907.2 (GeneID 79684).

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.

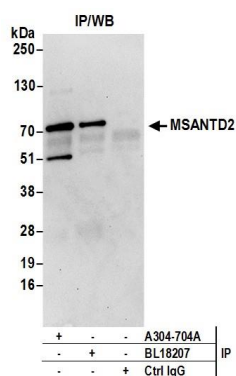
Western Blot Not recommended. A304-704A has not performed satisfactorily when used for WB of MSANTD2 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of MSANTD2.

Immunoprecipitation 2 - 10 µg/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

**ADDITIONAL INFO** <https://www.bethyl.com/product/A304-704A>  
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.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



**Detection of human MSANTD2 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-MSANTD2 antibody A304-704A (lot A304-704A-1) used for IP at 6  $\mu$ g per reaction. MSANTD2 was also immunoprecipitated by rabbit anti-MSANTD2 antibody BL18207. For blotting immunoprecipitated MSANTD2, blotting antibody was used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.