Leo1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No.	A300-175A	Protein ID	Q8WVC0
		GeneID	123169
Lot No.	A300-175A-3		

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APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat and Orangutan
AMOUNT	100 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 Leo1 immobilized on solid support.
	The epitope recognized by A300-175A maps to a region between residues 550 and 600 of human senescence downregulated leo1-like using the numbering given in TrEMBL entry Q8WVC0 (GeneID 123169).
	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	1:10,000 – 1:25,000
Immunoprecipitation	2 – 10 µg/mg lysate
Immunohistochemistry	1:2,000 – 1:10,000. Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

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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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Hodgkins Lymphoma, Ovarian Carcinoma, Prostate Carcinoma, Stomach Adenocarcinoma
IHC MOUSE CONTROLS	Colon Carcinoma CT26, Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-175A
	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

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 28, 2019

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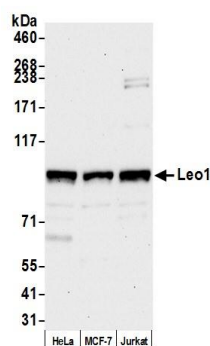
Detection of human Leo1 by western blot. *Samples:* Whole cell lysate (15 μg) from HeLa, MCF-7, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Leo1 antibody A300-175A (lot A300-175A-3) used for WB at 0.04 μg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.
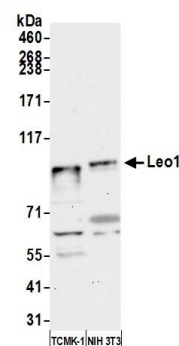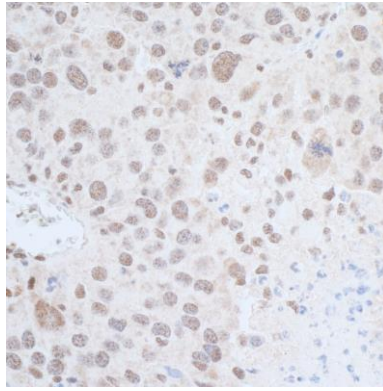

Detection of mouse Leo1 by western blot. *Samples:* Whole cell lysate (15 μg) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Leo1 antibody A300-175A (lot A300-175A-3) used for WB at 0.04 μg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.
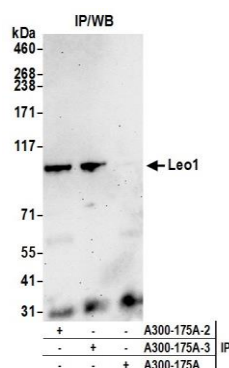
Detection of human Leo1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Leo1 antibody A300-175A (lot A300-175A-3) used for IP at 6 μg per reaction. Leo1 was also immunoprecipitated by a previous lot of this antibody (lot A300-175A-2). For blotting immunoprecipitated Leo1, A300-175A was used at 0.04 μg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.
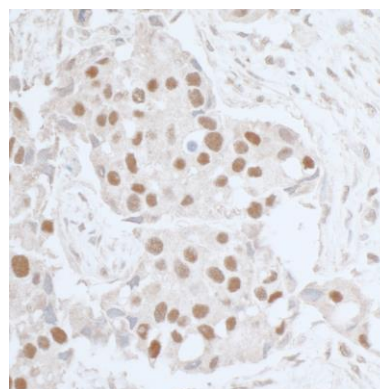
Detection of human Leo1 by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-Leo1 (Cat. No. A300-175A lot 3) used at 1:5,000 (0.2μg/ml). *Detection:* DAB

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Detection of mouse Leo1 by immunohistochemistry.
Sample: FFPE section of mouse renal cell carcinoma.
Antibody: Affinity purified rabbit anti-Leo1 (Cat. No.
A300-175A lot 3) used at 1:5,000 (0.2µg/ml). *Detection:*
DAB

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