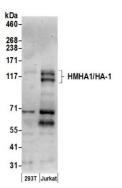
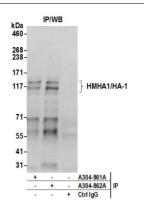
HMHA1/HA-1 Antibody

Rabbit Polyclo				000010.0		
Antigen Affinity Purified		Protein ID	Q92619.2	J -5/~		
Catalog No. A304–862A		GenelD	23526	RETHY		
Lot No.	A304-	862A-1			LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
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 HMHA1/HA-1 immobilized on solid support.				
		The epitope recognized by A304–862A maps to a region between residue 100 to 150 of human Minor histocompatibility protein HA-1 [Cleaved into: Minor histocompatibility antigen HA-1 using the numbering given in entry Q92619.2 (GeneID 23526).				
		Antibody conce equals 1.0 mg		determined by extinction co	efficient: absorbance at 280 nm of 1.4	
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	2,000 - 1:10,000		
		Immunoprecip	itation 2 -	10 µg/mg lysate		
APPLICATION N	IOTES	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	f lysates perfor	rmed using standard weste	rn blot reagents and 4-8% SDS-PAGE.	
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A304-862A				
		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 21, 2019

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Detection of human HMHA1/HA-1 by western blot.

Samples: Whole cell lysate (50 μ g) from 293T and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HMHA1/HA-1 antibody A304-862A (lot A304-862A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human HMHA1/HA-1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HMHA1/HA-1 antibody A304-862A (lot A304-862A-1) used for IP at 6 μ g per reaction. HMHA1/HA-1 was also immunoprecipitated by rabbit anti-HMHA1/HA-1 antibody A300-861A. For blotting immunoprecipitated HMHA1/HA-1, A304-862A was used at 0.4 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

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