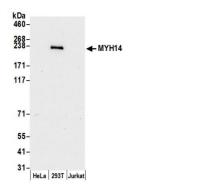
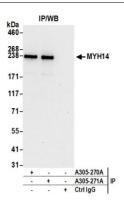
MYH14/Myosin-14 Antibody

Rabbit Polyclonal Antigen Affinity Purified			Protein ID	Q7Z406.2		
Catalog No. A305–271A		GenelD	79784			
Lot No. A305-271A-1		Geneid	79784	BETHYL		
	A303-7	271A-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 MYH14/Myosin-14 immobilized on solid support.				
The epitope recognized by A305-271A maps to a region between residue 194 human Myosin-14 using the numbering given in entry Q7Z406.2 (GeneID 797						
		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	1:2	,000 - 1:10,000		
		Immunoprecip	itation 2 –	10 µg/mg lysate		
APPLICATION N	OTES	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 bl			lot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.			
ADDITIONAL INFO https://www.bethyl.com/product/A305-271A						
				S, a current list of citations, a s://www.bethyl.com/content/	nd other product specific information. 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 MYH14 by western blot. Samples: Whole cell lysate (15 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MYH14 antibody A305-271A (lot A305-271A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Detection of human MYH14 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-MYH14 antibody A305-271A (lot A305-271A-1) used for IP at 6 µg per reaction. MYH14 was also immunoprecipitated by rabbit anti-MYH14 antibody A305-270A. For blotting immunoprecipitated MYH14, A305-271A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.