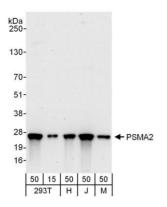
## **PSMA2** Antibody

		7			
Rabbit Polyclo Antigen Affini	ed Prot	ein ID	NP_002778.1		
Catalog No.	A303-8	816A Gene	ID	5683	DETUVI
Lot No.	A303-8	816A-1	LABORATORIES, INC		
APPLICATIONS		WB, IHC			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Bovine			
AMOUNT		100 μΙ			
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		lgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to PSMA2 immobilized on solid support.			
		The epitope recognized by A303-816A maps to a region between residue 184 and 234 of hu Proteasome (prosome, macropain) Subunit, Alpha type, 2 using the numbering given in entry NP_002778.1 (GeneID 5683).			
		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	2,000 - 1:10,000	
		Immunoprecipitation	No	ot recommended	
		Immunohistochemist		500 – 1:2,000. Epitope retrieval with commended for FFPE tissue sections.	citrate buffer pH 6.0 is
APPLICATION N	Western blot of lysate	of lysates performed using standard western blot reagents and 4–20% SDS–PAGE.			
IHC HUMAN CC	ONTROLS	Colon Carcinoma, Osteosarcoma, Ovarian Carcinoma			
IHC MOUSE CO	HC MOUSE CONTROLS Renal Cell Carcinoma				
ADDITIONAL INFO https://www.bethyl.com/product/A303-816A Use the link above to view SDS, a current list of citations, and other product specific i				er product specific information.	

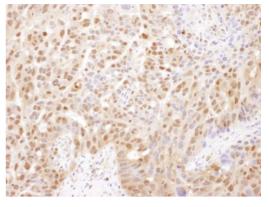
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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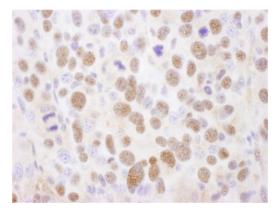
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Detection of human and mouse PSMA2 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50  $\mu$ g), HeLa (H; 50  $\mu$ g), Jurkat (J; 50  $\mu$ g) and mouse NIH 3T3 (M; 50  $\mu$ g) cells. Antibodies: Affinity purified rabbit anti-PSMA2 antibody A303-816A used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**Detection of human PSMA2 by immunohistochemistry.** *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- PSMA2 (Cat. No. A303-816A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB



**Detection of mouse PSMA2 by immunohistochemistry.** *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti- PSMA2 (Cat. No. A303-816A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB