SPTAN1/Alpha II-spectrin Antibody

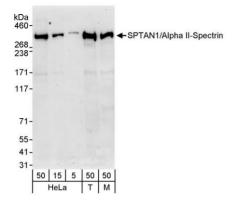
Rabbit Polyclonal							
Antigen Affinit	d Prote	in ID	NP_003118.1)(
Catalog No.			ID	6709	Ų		
Lot No.	A301-2	248A-2			L	BEIMYL	
APPLICATIONS		WB, IHC					
SPECIES REACTIVITY		Human, Mouse					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat and Chicken					
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		lgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to SPTAN1/Alpha II-spectrin immobilized on solid support.					
		The epitope recognized by A301–248A maps to a region between residue 1000 and 1050 of human spectrin, alpha, non-erythrocytic 1 using the numbering given in entry NP_003118.1 (GeneID 6709).					
		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	1:2	2,000 - 1:10,000			
		Immunoprecipitation	No	ot recommended			
		Immunohistochemist		500 – 1:2,000. Epitope retr commended for FFPE tissue		fer pH 6.0 is	
APPLICATION N	APPLICATION NOTES Western blot of lysa			s performed using standard western blot reagents and 4-8% SDS-PAGE.			
IHC HUMAN CONTROLS Colon Carcinoma, Ovarian Carcinoma							
ADDITIONAL INFO		https://www.bethyl.com/product/A301-248A Use the link above to view SDS, a current list of citations, and other 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

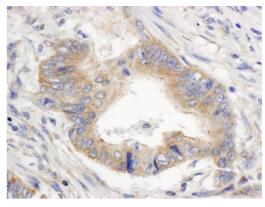
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A301-248A



Detection of human and mouse SPTAN1/Alpha II-Spectrin by western blot. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells. *Antibody:* Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin antibody A301-248A (lot A301-248A-2) used for WB at 0.2 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human SPTAN1/Alpha II-Spectrin by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-SPTAN1/Alpha II-Spectrin (Cat. No. A301-248A Lot2) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB