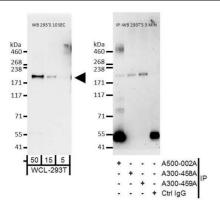
Rictor Monoclonal Antibody [1G3P2C9]

Mouse Monoc Antigen Affin		od P	rotein ID	Q6R327			
Catalog No. A500-002A-T			GenelD	253260			
Lot No.		002A-T-1	leneid	233200		LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC, ICC-IF					
SPECIES REACTIVITY		Human					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Dog, Orangutan, Monkey, Gorilla, Chimpanzee, Northern white-cheeked gibbon and White-tufted- ear marmoset 20 µl (2 blots)					
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		lgG1-kappa					
CLONE #		1G3P2C9					
ORIGIN		USA					
PRODUCTION		Antibody was affinity purified using an epitope specific to Rictor immobilized on solid support.					
PROCEDURES		The epitope recognized by A500-002A maps to a region between residue 1650 and the C- terminus (residue 1708) of human Rapamycin-Insensitive Companion of mTOR using the					
		numbering given in TrEMBL entry Q6R327 (GeneID 253260).					
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	1:1	000			
		Immunoprecipitat	tion 3 µ	l/mg lysate			
		Immunohistochen		1:100 – 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.			
		Immunofluoresce (ICC)	nce 1:5	00 - 1:2,000			
APPLICATION NOTES		Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE.					
ADDITIONAL INFO		https://www.bethyl.com/product/A500–002A–T					
		Use the link above to view SDS, a current list of citations, and other product specific information.					

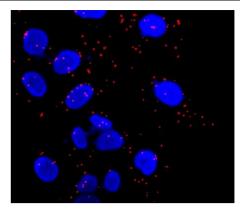
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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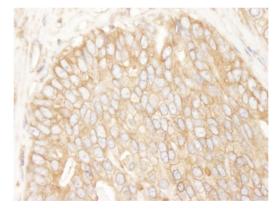
Rictor Monoclonal Antibody [1G3P2C9]



Detection of human Rictor by western blot and immunoprecipitation. *Samples:* Whole cell lysate [50, 15 and 5 µg for WB; 1 mg for IP, 20% of IP loaded] from 293T cells. *Antibodies:* Mouse monoclonal anti-Rictor antibody [1G3P2C9] (A500-002A-T lot 1) was used at 1:1000 for WB and 3 µl/mg of lysate for IP. For the above IP reaction, Rictor was immunoprecipitated in lane #1 by A500-002A-T, by rabbit anti-Rictor A300-458A against a disparate epitope in lane #2, and by rabbit anti-Rictor A300-459A against an equivalent epitope in lane #3. *Secondary:* HRPconjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 10 seconds and 3 minutes.



Detection of human Rictor (red) by immunocytochemistry. *Sample:* Formaldehyde-fixed HeLa cells. *Antibody:* Mouse monoclonal anti-Rictor antibody [1G3P2C9] (A500-002A-T lot 1) used at a dilution of 1:1000 and rabbit anti-Rictor antibody (A300-458A) used at a dilution of 1:1000. *Secondary:* Red fluorescent DuoLink II in situ PLA probes – dual epitope recognition for high specificity.



Detection of human Rictor by immunohistochemistry Sample: FFPE section of human prostate carcinoma. Antibody: Mouse monoclonal anti-Rictor antibody [1G3P2C9] (A500-002A-T lot1) used at a dilution of 1:200. Secondary: HRP-conjugated goat anti-mouse IgG (A90-116P). Substrate: DAB.

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