

Rictor Monoclonal Antibody [1G3P2C9]

Mouse Monoclonal

Antigen Affinity Purified Protein ID Q6R327
Catalog No. A500-002A GeneID 253260
Lot No. A500-002A-1



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
AMOUNT 100 µl (10 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 IgG1-kappa
CLONE # 1G3P2C9
ORIGIN USA
PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to Rictor immobilized on solid support.

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).

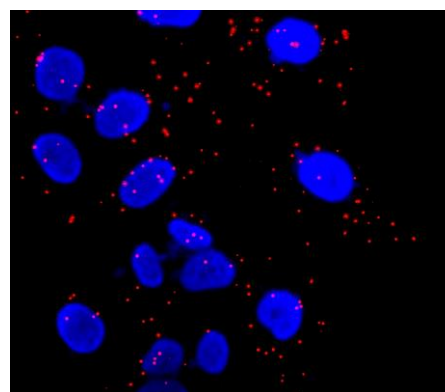
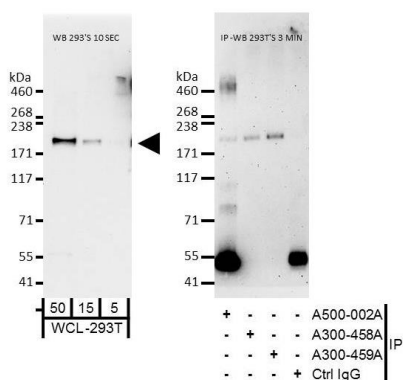
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000
Immunoprecipitation	3 µl/mg lysate
Immunohistochemistry	1:100 - 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.
Immunofluorescence (ICC)	1:500 - 1:2,000

APPLICATION NOTES Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE.

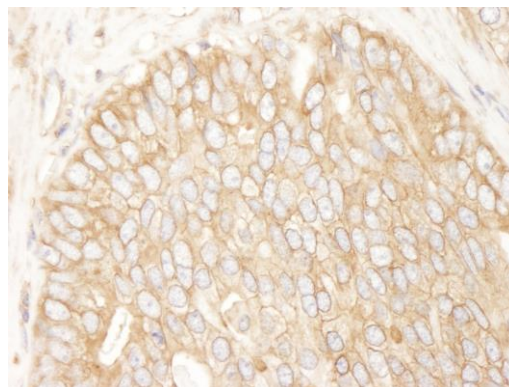
ADDITIONAL INFO <https://www.bethyl.com/product/A500-002A>
Use the link above to view SDS, a current list of citations, and other product specific information.

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



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 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, 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:* HRP-conjugated 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 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 lot1) used at a dilution of 1:200.
Secondary: HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.

