

RAP Recombinant Rabbit Monoclonal Antibody (4)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	4
Conjugate	Unconjugated
Immunogen	Recombinant Human LRPAP1 protein
Form	Liquid
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

Applications	Tested	Dilution	Published
ELISA (ELISA)	✓	1:5000-1:10000	
Immunocytochemistry (ICC)	✓	1:20-1:100	
Immunofluorescence (IF)	✓	1:20-1:100	
Immunoprecipitation (IP)	✓	1-4 µL/mg of lysate	
Western Blot (WB)	✓	1:500-1:2000	

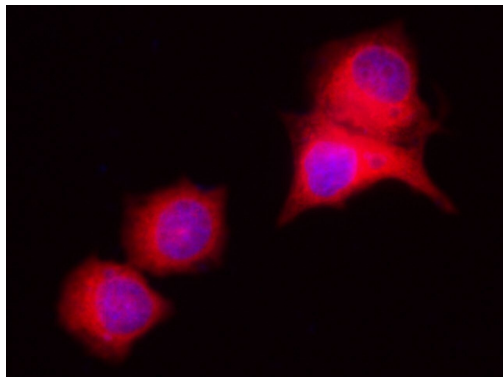
Product Specific Information

This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05%-0.1%).

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

This antibody has specificity for Human LRPAP1/A2MRAP.

Product Images For RAP Recombinant Rabbit Monoclonal Antibody (4)

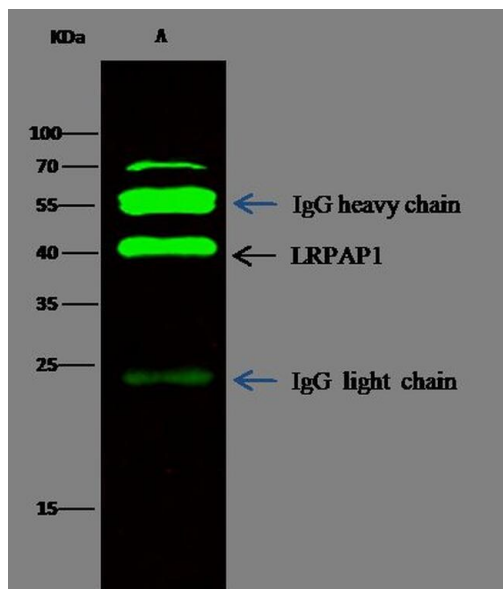
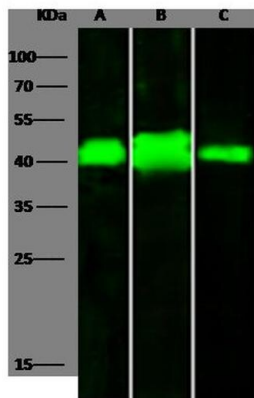


RAP Antibody (MA5-29399) in IF

Immunofluorescence staining of Human LRPAP1 in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with RAP Monoclonal Antibody (Product # MA5-29399) (1:60) at 37° C 1 hour. Then cells were stained with the Alexa Fluor 594-conjugated goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.

RAP Antibody (MA5-29399) in WB

Western blot analysis of RAP in Lane A: U87-MG Whole Cell Lysate (30 µg), Lane B: PC-3 Whole Cell Lysate (30 µg), Lane C: 293T Whole Cell Lysate (30 µg). Samples were probed using a RAP Monoclonal Antibody (Product # MA5-29399) at a 1:500 dilution, followed by a Goat Anti-Rabbit IgG (H+L), Dylight 800 Secondary Antibody at a 1:10000 dilution. Western blot was performed under reducing conditions. Predicted band size:41 kDa. Observed band size:41 kDa.



RAP Antibody (MA5-29399) in IP

RAP was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate, 2 µL of RAP Monoclonal Antibody and 15 µL of 50% Protein G agarose. Primary Antibody: RAP Monoclonal Antibody (Product # MA5-29399), at 1:200 dilution. Secondary Antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Immunoprecipitation was performed under reducing conditions. Predicted band size: 41 kDa. Observed band size: 41 kDa.

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