

# MRPL44 Polyclonal Antibody

## Product Details

Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant Human MRPL44/L44mt Protein (Met1-Ser332)
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2788097

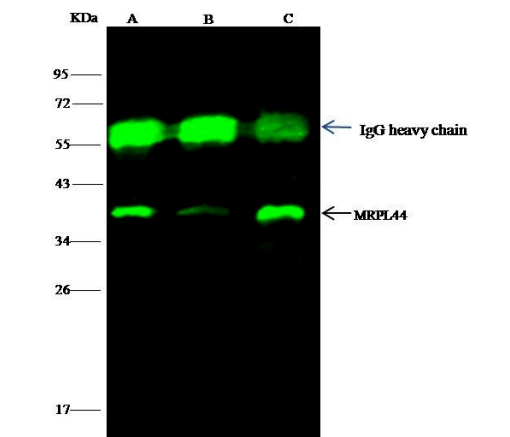
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:500	-
Immunocytochemistry (ICC/IF)	1:200-1:1,000	-
ELISA (ELISA)	1:5,000-1:10,000	-
Immunoprecipitation (IP)	4-8 µL/mg of lysate	-

## Product Specific Information

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

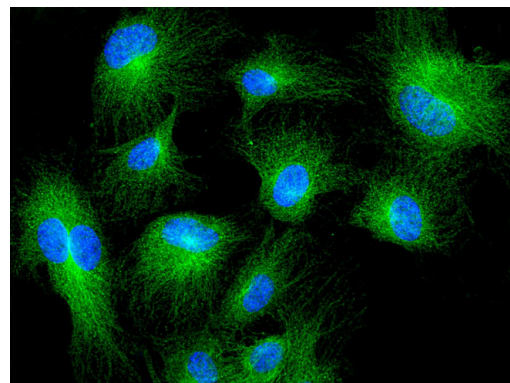
This antibody has specificity for Human MRPL44/L44mt.

Product Images For MRPL44 Polyclonal Antibody



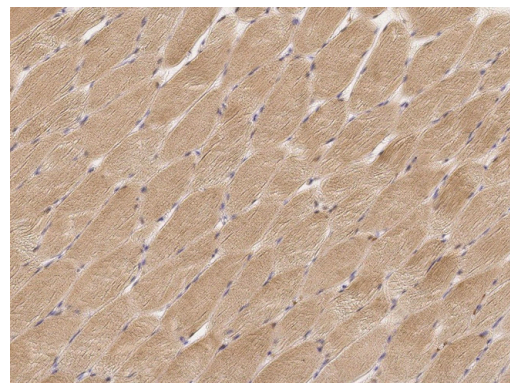
MRPL44 Antibody (PA5-80826) in IP

MRPL44 Immunoprecipitation using: Lane A: 0.5 mg HeLa Whole Cell Lysate, Lane B: 0.5 mg 293T Whole Cell Lysate, Lane C: 0.5 mg Caco-2 Whole Cell Lysate 4  $\mu$ L with MRPL44 Polyclonal Antibody (Product # PA5-80826) and 15  $\mu$ L of 50 % Protein G agarose. Primary antibody: MRPL44 Polyclonal Antibody, at 1: 100 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5,000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 38 kDa. Observed band size: 38 kDa.



MRPL44 Antibody (PA5-80826) in ICC/IF

Immunofluorescence staining of MRPL44 in HUVEC cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with MRPL44 Polyclonal Antibody (Product # PA5-80826, 1:300) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



MRPL44 Antibody (PA5-80826) in IHC (P)

Immunohistochemical staining of human MRPL44 in human skeletal muscle with MRPL44 Polyclonal Antibody (Product # PA5-80826, 1:300, formalin-fixed paraffin embedded sections).

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