

# Product Datasheet

## MRPL12 Antibody - BSA Free

### NBP2-97472-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-97472-100ul**

MRPL12 Antibody - BSA Free

**Product Information**

|                      |                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 100 ul                                                                                      |
| <b>Concentration</b> | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.      |
| <b>Clonality</b>     | Polyclonal                                                                                  |
| <b>Preservative</b>  | 0.03% Proclin 300                                                                           |
| <b>Isotype</b>       | IgG                                                                                         |
| <b>Purity</b>        | Antigen and protein A Affinity-purified                                                     |
| <b>Buffer</b>        | PBS                                                                                         |

**Product Description**

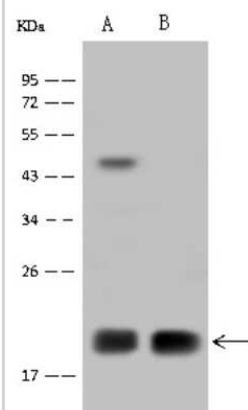
|                    |                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | This antibody can be stored at 2C to 8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                         |
| <b>Gene ID</b>     | 6182                                                                                                                                                                                                                           |
| <b>Gene Symbol</b> | MRPL12                                                                                                                                                                                                                         |
| <b>Species</b>     | Human                                                                                                                                                                                                                          |
| <b>Immunogen</b>   | Produced in rabbits immunized with E. coli-derived Human MRPL12 fragment.                                                                                                                                                      |

**Product Application Details**

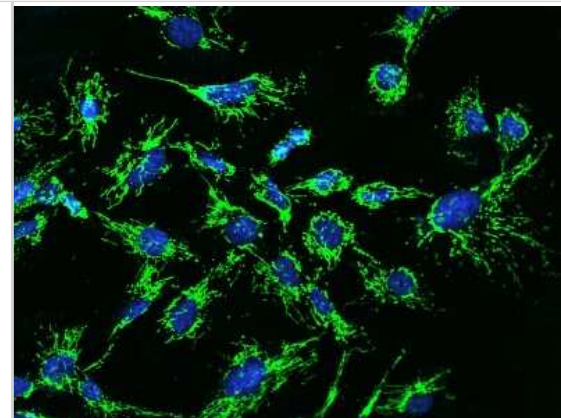
|                              |                                                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation                                                           |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 0.5-2uL/mg of lysate, Immunohistochemistry-Paraffin 1:100-1:400 |

**Images**

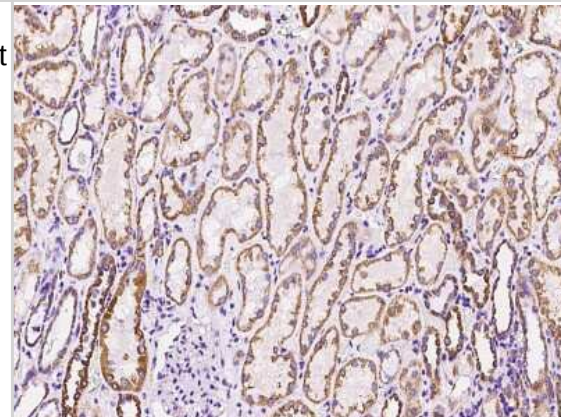
Western Blot: MRPL12 Antibody [NBP2-97472] - Anti-MRPL12 rabbit polyclonal antibody at 1:500 dilution. Lane A: U-251 MG Whole Cell Lysate Lane B: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 21 kDa. Observed band size: 21 kDa



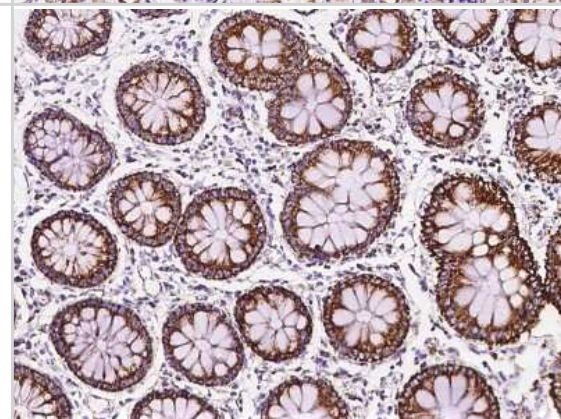
**Immunocytochemistry/Immunofluorescence: MRPL12 Antibody [NBP2-97472]** - Immunofluorescence staining of MRPL12 in U251MG cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human MRPL12 polyclonal antibody (dilution ratio 1:200) at 4C overnight. Then cells were stained with the Alexa Fluor(R)488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



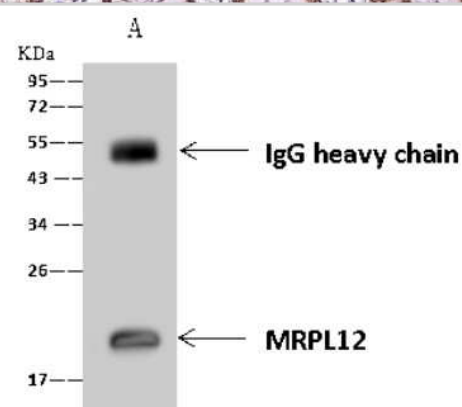
**Immunohistochemistry-Paraffin: MRPL12 Antibody [NBP2-97472]** - Immunochemical staining of human MRPL12 in human kidney with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



**Immunohistochemistry-Paraffin: MRPL12 Antibody [NBP2-97472]** - Immunochemical staining of human MRPL12 in human colon with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



**Immunoprecipitation: MRPL12 Antibody [NBP2-97472]** - MRPL12 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate 4 ul anti-MRPL12 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MRPL12 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 21 kDa. Observed band size: 21 kDa





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### **Products Related to NBP2-97472-100ul**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00006182-P01-10ug | Recombinant Human MRPL12 GST (N-Term) Protein       |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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