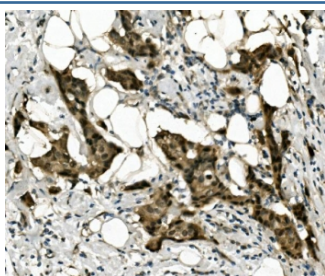


## RBPMs Antibody (RQ6004)

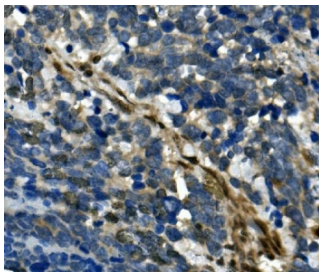
| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| RQ6004      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

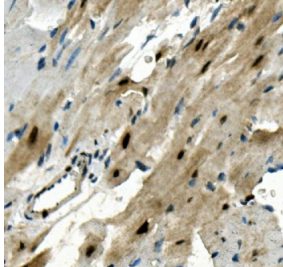
|                           |                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                                                                   |
| <b>Species Reactivity</b> | Human, Mouse, Rat                                                                                                                   |
| <b>Format</b>             | Antigen affinity purified                                                                                                           |
| <b>Host</b>               | Rabbit                                                                                                                              |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                                                                                          |
| <b>Isotype</b>            | Rabbit IgG                                                                                                                          |
| <b>Purity</b>             | Affinity purified                                                                                                                   |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide                                                                   |
| <b>UniProt</b>            | Q93062                                                                                                                              |
| <b>Localization</b>       | Nuclear, cytoplasmic                                                                                                                |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Immunohistochemistry : 1-2ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>Direct ELISA : 0.1-0.5ug/ml |
| <b>Limitations</b>        | This RBPMs antibody is available for research use only.                                                                             |



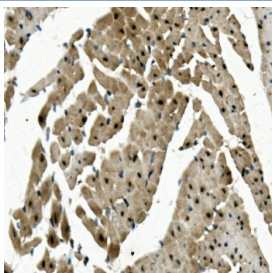
IHC staining of FFPE human breast cancer with RBPMs antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



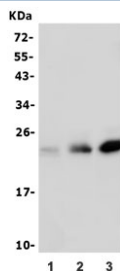
IHC staining of FFPE human lung cancer with RBPMS antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



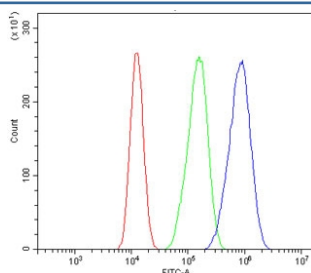
IHC staining of FFPE mouse heart with RBPMS antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat heart with RBPMS antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human Raji, 2) rat liver and 3) mouse NIH 3T3 lysate with RBPMS antibody. Predicted molecular weight ~22 kDa.



Flow cytometry testing of human Caco-2 cells with RBPMS antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RBPMS antibody.

## Description

RNA-binding protein with multiple splicing is a protein that in humans is encoded by the RBPMS gene. It is mapped to 8p12. This gene encodes a member of the RNA recognition motif family of RNA-binding proteins. The RNA recognition motif is between 80-100 amino acids in length and family members contain one to four copies of the motif. The RNA recognition motif consists of two short stretches of conserved sequence, as well as a few highly conserved hydrophobic residues. The encoded protein has a single, putative RNA recognition motif in its N-terminus. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Application Notes

Optimal dilution of the RBPMS antibody should be determined by the researcher.

## **Immunogen**

Recombinant human protein (amino acids K6-C196) was used as the immunogen for the RBPMS antibody.

## **Storage**

After reconstitution, the RBPMS antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.