

# Product Datasheet

## RRM2 Antibody (SAIC-30C-18) - Azide and BSA Free NBP3-20098-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP3-20098-0.2mg**

RRM2 Antibody (SAIC-30C-18) - Azide and BSA Free

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.2 mg   |
| Concentration       | 1 mg/ml  |
| Storage             | Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C. |
| Clonality           | Monoclonal   |
| Clone               | SAIC-30C-18  |
| Preservative        | 0.02% Proclin 300  |
| Isotype             | IgG Kappa  |
| Purity              | Protein A purified   |
| Buffer              | PBS  |

| Product Description |  |
|---------------------|--|
| Host                | Rabbit   |
| Gene ID             | 6241   |
| Gene Symbol         | RRM2   |
| Species             | Human  |
| Immunogen           | The KLH-conjugated peptide "IEQEFLTEALPVK" derived from Ribonucleoside-diphosphate reductase subunit M2 (RRM2). RRM2 provides precursors required for DNA synthesis. |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Mass Spectrometry |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Mass Spectrometry |
| Application Notes           | This Ab can be used in immunoMRM.  |

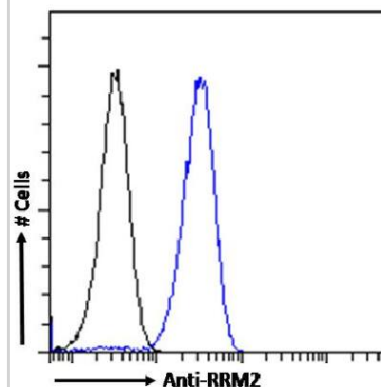


## Images

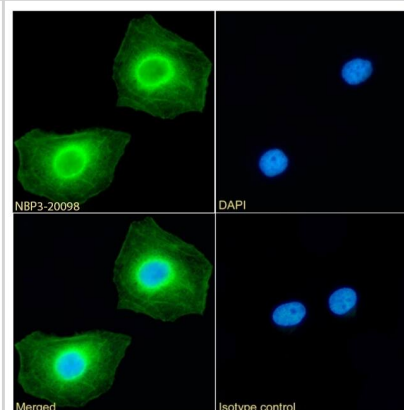
**Western Blot: RRM2 Antibody (SAIC-30C-18) - Azide and BSA Free [NBP3-20098]** - Jurkat cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-30C-18 (NBP3-20098) at 1 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

**Flow Cytometry: RRM2 Antibody (SAIC-30C-18) - Azide and BSA Free [NBP3-20098]** - Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or the rabbit IgG version of SAIC-30C-18 (NBP3-20098, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



**Immunocytochemistry/Immunofluorescence: RRM2 Antibody (SAIC-30C-18) - Azide and BSA Free [NBP3-20098]** - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of SAIC-30C-18 (NBP3-20098) (1:100 dilution) for 1h followed by Alexa Fluor(R) 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-20098, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.





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### **Products Related to NBP3-20098-0.2mg**

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|            |   |
|------------|---|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7156     | Goat anti-Rabbit IgG (H+L) Secondary Antibody |
| NBP1-44468 | Recombinant Human RRM2 His Protein            |
| 210-TA-005 | TNF-alpha [Unconjugated]                      |

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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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