

# Product Datasheet

## Serine racemase Antibody (12B2) - BSA Free NBP3-26302-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26302-100ul**

Serine racemase Antibody (12B2) - 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 -20 to -70C. Avoid freeze-thaw cycles.                                             |
| <b>Clonality</b>     | Monoclonal                                                                                  |
| <b>Clone</b>         | 12B2                                                                                        |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                          |
| <b>Isotype</b>       | IgG                                                                                         |
| <b>Purity</b>        | Affinity purified                                                                           |
| <b>Buffer</b>        | PBS, pH 7.4, 150mM NaCl, and 50% glycerol                                                   |

**Product Description**

|                    |                                                                           |
|--------------------|---------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                    |
| <b>Gene ID</b>     | 63826                                                                     |
| <b>Gene Symbol</b> | SRR                                                                       |
| <b>Species</b>     | Human                                                                     |
| <b>Immunogen</b>   | A synthesized peptide derived from Human Serine racemase [UniProt Q9GZT4] |

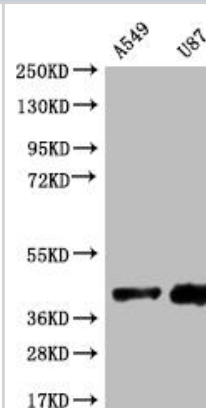
**Product Application Details**

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, ELISA, Flow Cytometry                         |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA |

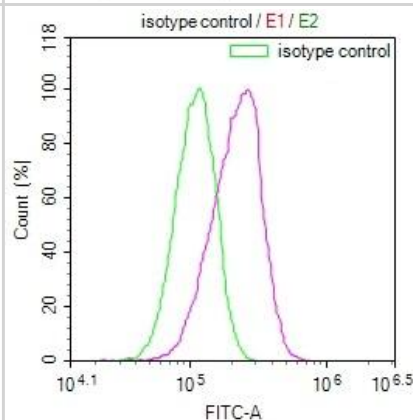


## Images

Western Blot: Serine racemase Antibody (12B2) [NBP3-26302] - Positive Western Blot detected in: A549 whole cell lysate, U87 whole cell lysate.  
 All lanes: Serine racemase Antibody at 1: 1000  
 Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.  
 Predicted band size: 37 kDa  
 Observed band size: 37 kDa



Flow Cytometry: Serine racemase Antibody (12B2) [NBP3-26302] - Overlay Peak curve showing HepG2 cells stained with Serine racemase Antibody (12B2) (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup> cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1\*10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.





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### **Products Related to NBP3-26302-100ul**

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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                          |
| NBP1-78868-10ug | Recombinant Human Serine racemase His 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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