

## Mouse monoclonal antibody to phosphoserine [PS-53]: IgG

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| <b>Catalogue No.:</b>    | M-1216-100   |
| <b>Description:</b>      | Phosphoserine is a useful tool for exploring the activation of serine containing proteins. It reacts with phosphorylated serine as a free amino acid and when conjugated to carriers such as BSA or KLH. Phosphoserine does not cross react with non-phosphorylated serine, phosphothreonine, phosphotyrosine, AMP or ATP. |
| <b>Batch No.:</b>        | See product label  |
| <b>Unit size:</b>        | 100 ug   |
| <b>Antigen:</b>          | Phosphoserine conjugated to KLH  |
| <b>Clone:</b>            | PS-53  |
| <b>Other Names:</b>      | Phospho-serine;  |
| <b>Produced in:</b>      | Mouse  |
| <b>Purity:</b>           | IgG  |
| <b>Applications:</b>     | Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for detection in cells and tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.   |
| <b>Specificity:</b>      | The specificity of this antibody has been confirmed by WB against the antigen.   |
| <b>Cross-reactivity:</b> | Broad specificity including human;   |
| <b>Form:</b>             | Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>   |
| <b>Reconstitution:</b>   | Reconstitute in 1 mL of PBS to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.  |
| <b>Storage:</b>          | At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.  |
| <b>Expiry Date:</b>      | 12 months after purchase.  |

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FOR RESEARCH USE ONLY