



## Mouse monoclonal antibody to human Vinculin [VIN-54]: IgG

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| <b>Catalogue No.:</b>    | M-1228-100   |
| <b>Description:</b>      | Vinculin is a cytoskeletal protein associated with cell-cell and cell-matrix adherens type junctions. Multiple isoforms are produced by alternative splicing.  |
| <b>Batch No.:</b>        | See product label  |
| <b>Unit size:</b>        | 100 ug   |
| <b>Antigen:</b>          | Purified Vinculin from human uterus  |
| <b>Clone:</b>            | VIN-54   |
| <b>Other Names:</b>      | Metavinculin; VCL;   |
| <b>Accession:</b>        | P18206 VINC_HUMAN;   |
| <b>Produced in:</b>      | Mouse  |
| <b>Purity:</b>           | IgG  |
| <b>Applications:</b>     | Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human Vinculin (isoform 2, Metavinculin) has a predicted length of 1,134 residues and a MW of 124 kDa. A concentration of 2.0-4.0 ug/mL is recommended to detect the protein in formalin/acetone fixed frozen 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 and IHC against the antigen.   |
| <b>Cross-reactivity:</b> | Human; mouse; rat; chicken;  |
| <b>Form:</b>             | Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3   |
| <b>Reconstitution:</b>   | Reconstitute in 1 mL of PBS (pH 7.4) 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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