

## Mouse SPP1 Monoclonal Antibody | anti-SPP1 antibody

SPP1 (Secreted Phosphoprotein 1, BNSP, BSPI, ETA-1, MGC110940, OPN) (FITC)

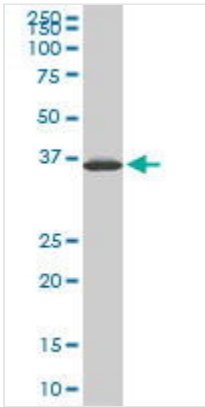
|                              |                      |                                     |
|------------------------------|----------------------|-------------------------------------|
| CATALOG #<br><b>AAA26303</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|----------------------|-------------------------------------|

### PRODUCT SYNONYMS

SPP1; Monoclonal Antibody; SPP1 (Secreted Phosphoprotein 1; BNSP; BSPI; ETA-1; MGC110940; OPN) (FITC); Secreted Phosphoprotein 1; OPN; anti-SPP1 antibody

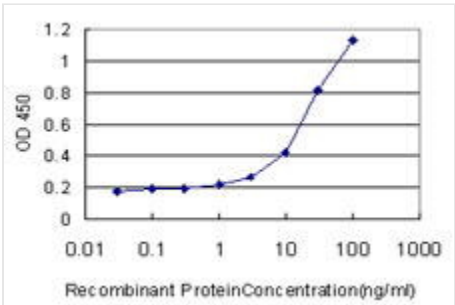
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                              |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                         |
| Isotype                                        | IgG2a,k                                                                                                                                                                                                                                                                                                                            |
| Clone Number                                   | 1000000                                                                                                                                                                                                                                                                                                                            |
| Specificity                                    | Recognizes SPP1.                                                                                                                                                                                                                                                                                                                   |
| Purity/Purification                            | Purified                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                    | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).                                                                                                                                                                                                                        |
| Sequence Length                                | 300                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-SPP1 antibody | WB (Western Blot)                                                                                                                                                                                                                                                                                                                  |
| Application Notes                              | Applications are based on unconjugated antibody.                                                                                                                                                                                                                                                                                   |
| Immunogen                                      | SPP1 (AAH07016.1, 1aa-300aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.                                                                                                                                                                                                                        |
| Immunogen Sequence                             | MRIAVICFLLGITCAIPVKQADSGSSEEKQLYNKYPDAVATWLNPDPSQKQNLLAPQTLPSKSNESHDMDDMDDEDDDDHVDSQDSIDSNDSDDDVDD                                                                                                                                                                                                                                 |
| Conjugate                                      | FITC                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                        | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C.<br><br>FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |



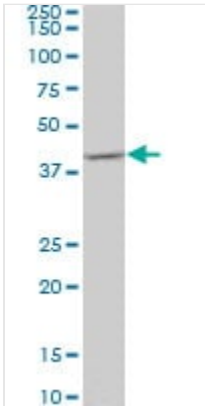
**WB (Western Blot)**

SPP1 monoclonal antibody (M08), clone 1E6. Western Blot analysis of SPP1 expression in NIH/3T3.



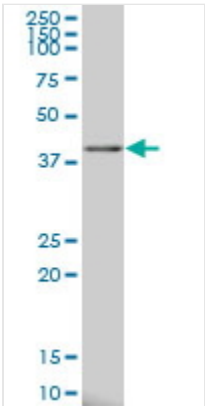
**Application Data**

Detection limit for recombinant GST tagged SPP1 is approximately 1ng/ml as a capture antibody.



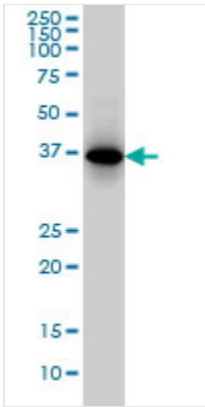
**WB (Western Blot)**

SPP1 monoclonal antibody (M08), clone 1E6. Western Blot analysis of SPP1 expression in HepG2 (Cat # L019V1).



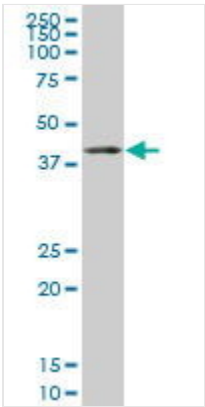
**WB (Western Blot)**

SPP1 monoclonal antibody (M08), clone 1E6. Western Blot analysis of SPP1 expression in COLO 320 HSR (Cat # L020V1).



**WB (Western Blot)**

SPP1 monoclonal antibody (M08), clone 1E6 Western Blot analysis of SPP1 expression in Hela S3 NE (Cat # L013V3).



**WB (Western Blot)**

SPP1 monoclonal antibody (M08), clone 1E6. Western Blot analysis of SPP1 expression in human stomach.

ADDITIONAL INFORMATION

|                                                    |                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------|
| Related Product Information for anti-SPP1 antibody | Mouse monoclonal antibody raised against a full length recombinant SPP1. |
| Product Categories/Family for anti-SPP1 antibody   | <a href="#">Antibodies</a> ; <a href="#">Osteopontin</a>                 |

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 13937829                  |
| NCBI GeneID                      | 6696                      |
| NCBI Official Full Name          | Secreted phosphoprotein 1 |
| NCBI Official Synonym Full Names | secreted phosphoprotein 1 |
| NCBI Official Symbol             | SPP1                      |
| NCBI Official Synonym Symbols    | OPN; BNSP; BSPI; ETA-1    |
| NCBI Protein Information         | osteopontin               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/spp1-antibody-clone-1000000-western-blot-elisa/26303>