

Datasheet for ABIN1845756
anti-Osteopontin antibody (AA 167-314)[Go to Product page](#)

6 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Osteopontin (SPP1) |
| Binding Specificity: | AA 167-314 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Osteopontin antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (fixed cells) (IF/ICC) |

Product Details

| | |
|---------------|---|
| Immunogen: | Purified recombinant fragment of human SPP1 (AA: 167-314) expressed in E. Coli. |
| Isotype: | IgG1 |
| Purification: | Purified antibody |

Target Details

| | |
|-------------------|--|
| Target: | Osteopontin (SPP1) |
| Alternative Name: | SPP1 (SPP1 Products) |
| Background: | The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved |

Target Details

in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 35.4 kDa

Gene ID: 6696

UniProt: [P10451](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

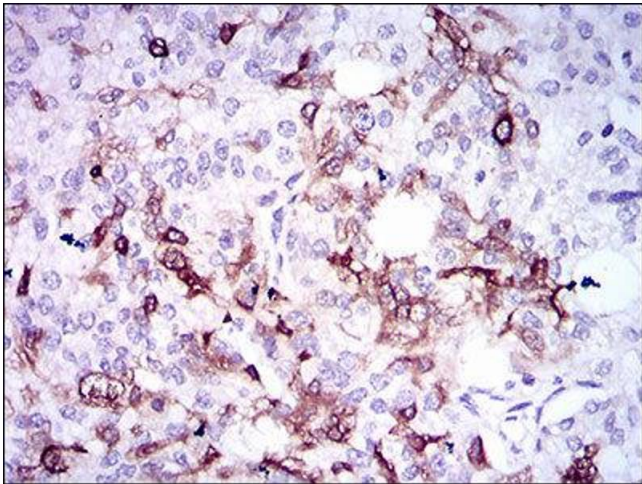
Buffer: PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

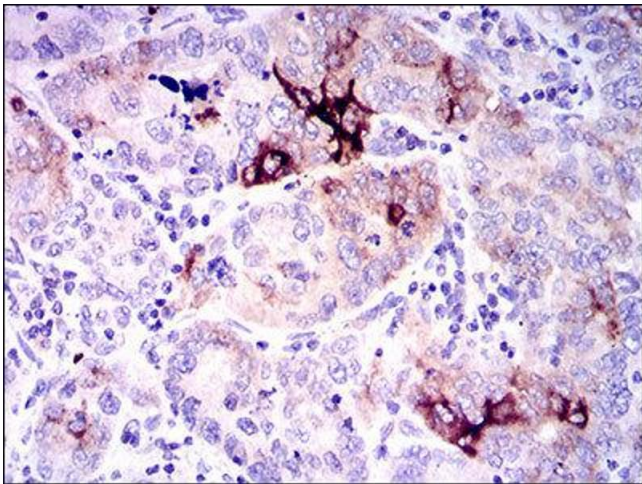
Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



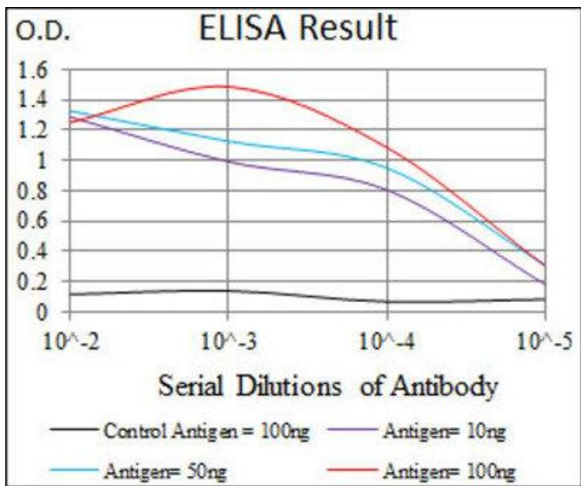
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



ELISA

Image 3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN1845756.