

Datasheet for ABIN7645821  
**anti-SPARC antibody**



[Go to Product page](#)

## Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | SPARC                                                                                                     |
| Reactivity:  | Rat                                                                                                       |
| Host:        | Rabbit                                                                                                    |
| Clonality:   | Polyclonal                                                                                                |
| Conjugate:   | This SPARC antibody is un-conjugated                                                                      |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|                   |                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Osteonectin (ON)                                                                                                                                    |
| Immunogen:        | RPA791Ra01Recombinant Osteonectin (ON)                                                                                                                                     |
| Isotype:          | IgG                                                                                                                                                                        |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against ON. It has been selected for its ability to recognize ON in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human                                                                                                                                                                      |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                     |

## Target Details

|         |       |
|---------|-------|
| Target: | SPARC |
|---------|-------|

## Target Details

|                   |                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | Osteonectin ( <a href="#">SPARC Products</a> )                                                                                    |
| Background:       | SPARC, BM-40, Secreted Protein, Acidic, Cysteine-Rich, Basement-membrane protein 40, Secreted protein acidic and rich in cysteine |
| UniProt:          | <a href="#">P16975</a>                                                                                                            |
| Pathways:         | <a href="#">Autophagy</a>                                                                                                         |

## Application Details

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 0.5 mg/mL                                                                                                                                                       |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |