

## Recombinant SPARC / Osteonectin Antibody

Rabbit Monoclonal Antibody [Clone OSTN/9835R]

Catalog No	Format	Size
6678-RBM18-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6678-RBM18-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6678-RBM18-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

<b>Clone</b>	OSTN/9835R
<b>Immunogen</b>	Recombinant fragment corresponding to the c-terminal region of the human Osteonectin (O-Nectin) protein
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG / Kappa
<b>Mol. Weight of Antigen</b>	34.63kDa
<b>Cellular Localization</b>	Basement membrane, Extracellular matrix, Extracellular space, Secreted
<b>Species Reactivity</b>	Human

*\*Optimal dilution for a specific application should be determined.*

### Product Images for Recombinant SPARC / Osteonectin Antibody

#### Specificity & Comments

Appears to regulate cell growth through interactions with the extracellular matrix and cytokines. Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites; an acidic domain that binds 5 to 8 Ca(2+) with a low affinity and an EF-hand loop that binds a Ca(2+) ion with a high affinity.

#### Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.