
SPARC Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251503

Unit: 0.1 mg

Description:

Secreted protein acidic and rich in cysteine (SPARC) regulates cell growth through interactions with the extracellular matrix and cytokines. SPARC binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. SPARC has two calcium binding sites; an acidic domain that binds 5 to 8 Ca²⁺ with a low affinity and an EF-hand loop that binds a Ca²⁺ ion with a high affinity. SPARC is expressed at high levels in tissues undergoing morphogenesis, remodeling and wound repair.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R, D, P, B, Hs, Rb

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: SPARC; Secreted protein acidic and rich in cysteine; Osteonectin; ON; Basement-membrane protein 40; BM-40

Accession No.: P09486

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SPARC.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.