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## 35-1801: Polyclonal Antibody to SPARC

**Clonality:** Polyclonal

Application: WB Reactivity: Human Gene: SPARC Gene ID: 6678 **Uniprot ID:** P09486 Format: Purified **Alternative Name:** ON, BM-40 Rabbit IgG Isotype:

Immunogen Information: Peptide sequence around aa.52~56 (V-G-E-F-D) derived from Human SPARC.

## **Description**

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 Ca2+ with a low affinity and an EF-hand loop that binds a Ca2+ ion with a high affinity.

## **Product Info**

**Amount :** 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 42kd, Western blotting: 1:500~1:1000

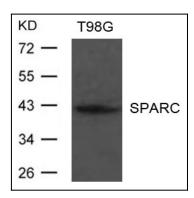


Figure 1: Western blot analysis of extract from T98G cells using SPARC Antibody 35-1801