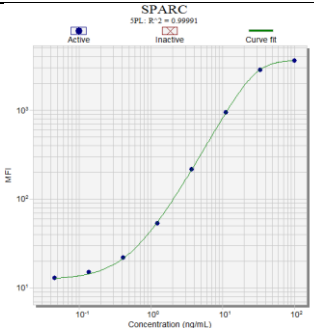
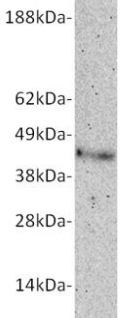


Secreted protein acidic and rich in cysteine (SPARC), aka osteonectin, *UniProt # P09486*, is a glycoprotein secreted by a variety of cells and tumors. The biological functions of SPARC vary and include tissue remodeling as well as apoptosis. SPARC is considered a tumor inhibitor in various cancers such as breast, colorectal, pancreatic, and ovarian.

Description	
Immunogen	E. coli-derived recombinant human SPARC
Reactivity	Human
Source	Mouse monoclonal IgG <sub>1</sub>
Purification	Protein G purified from hybridoma cell culture supernatant
Applications	ELISA, IP, does not recognize denatured SPARC
Formulation	Lyophilized from PBS with Trelahose Reconstitute in 100µL ddH <sub>2</sub> O to 1 mg/mL
Shipping	Ambient
Storage	5 years at -20°C to -80°C as supplied 1 month at 4°C after reconstitution with preservative 1 year at -20°C to -80°C after reconstitution
Expiration	See lot specific CoA
	<p>Human SPARC Luminex Assay</p> <p>Capture: Human SPARC monoclonal clone SPC-2F4-5B11 (Cat # M2020)            Detection: Human SPARC monoclonal clone SPC-5H7-2C3 (Cat # M2021)            Antigen: Recombinant human SPARC, E. coli expressed</p>
	<p>Immunoprecipitation of native human SPARC</p> <p>SDS PAGE 4-12%, reducing conditions            Blocking: 5% NFDM, PBS            Sample: Human SPARC purified from human serum with M2021            Blot was probed with 4µg/mL M2020 followed by HRP detection antibody. Human SPARC was detected at 43kDa.</p>

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