

Mouse Monoclonal Antibody to SMCP

Catalogue Number	sAP-0896
Target Molecule	Name: SMCP Aliases: MCS; MCSP; HSMCSGEN1 MW: 12.8kDa Entrez Gene ID: 4184
Description	Sperm mitochondria differ in morphology and subcellular localization from those of somatic cells. They are elongated, flattened, and arranged circumferentially to form a helical coiled sheath in the midpiece of the sperm flagellum. The protein encoded by this gene localizes to the capsule associated with the mitochondrial outer membranes and is thought to function in the organization and stabilization of the helical structure of the sperm's mitochondrial sheath. ;
Immunogen	Purified recombinant fragment of human SMCP (AA: 1-116) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5C10A2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Biol Reprod. 1999 Aug;61(2):428-35. ; 2. Mol Cell Biol. 2002 May;22(9):3046-52. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**