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| Product name: | SMCP Mouse Monoclonal Antibody |
| Cat number: | MABN81344 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mouse |
| Isotype: | Mouse IgG2b |
| Immunogen: | Purified recombinant fragment of human SMCP (AA: FULL(1-116)) expressed in E. Coli. |
| Reactivity: | Human |
| Applications: | ICC 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight: | 12.8kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05% sodium azide. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | 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. |