

## Mouse Monoclonal Antibody to SYCP3

<b>Catalogue Number</b>	sAP-0848
<b>Target Molecule</b>	<p><b>Name: SYCP3</b></p> <p><b>Aliases:</b> COR1; SCP3; SPGF4</p> <p><b>MW: 27.7kDa</b></p> <p><b>Entrez Gene ID: 50511</b></p>
<b>Description</b>	This gene encodes an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. Mutations in this gene are associated with azoospermia in males and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein.
<b>Immunogen</b>	Purified recombinant fragment of human SYCP3 (AA: 27-128) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM6F9C5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Hum Pathol. 2013 Apr;44(4):472-9. ; 2. Cytogenet Genome Res. 2010;128(1-3):162-8. ;

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**