

Mouse Monoclonal Antibody to SYCP3

Catalogue Number	sAP-0847
Target Molecule	Name: SYCP3 Aliases: COR1; SCP3; SPGF4 MW: 27.7kDa Entrez Gene ID: 50511
Description	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.
Immunogen	Purified recombinant fragment of human SYCP3 (AA: 27-128) expressed in E. Coli.
Reactive Species	Human;
Clone	MM6F9B6;
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 H ₂ O, 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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**