

## Mouse Monoclonal Antibody to SRY

Catalogue Number	sAP-0747
Target Molecule	<b>Name:</b> SRY <b>Aliases:</b> TDF; TDY; SRXX1; SRXY1 <b>MW:</b> 23.9kDa <b>Entrez Gene ID:</b> 6736
Description	This intronless gene encodes a transcription factor that is a member of the high mobility group (HMG)-box family of DNA-binding proteins. This protein is the testis-determining factor (TDF), which initiates male sex determination. Mutations in this gene give rise to XY females with gonadal dysgenesis (Swyer syndrome); translocation of part of the Y chromosome containing this gene to the X chromosome causes XX male syndrome.
Immunogen	Purified recombinant fragment of human SRY (AA:1-204) expressed in E. Coli.
Reactive Species	Human;
Clone	MM1G4;
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 <sub>2</sub> 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; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Biol Chem. 2009 Dec 18;284(51):35670-80. 2.FASEB J. 2009 Nov;23(11):4029-38.

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**