

## Mouse Monoclonal Antibody to TFF2

<b>Catalogue Number</b>	sAP-1077
<b>Target Molecule</b>	<b>Name:</b> TFF2 <b>Aliases:</b> SP; SML1 <b>MW:</b> 14.3kDa <b>Entrez Gene ID: 7032</b>
<b>Description</b>	Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. The encoded protein inhibits gastric acid secretion. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21.
<b>Immunogen</b>	Purified recombinant fragment of human TFF2 (AA: 20-125) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM4G7C3;
<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 H2O, 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; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Peptides. 2013 Aug;46:1-5.; 2. Oncol Rep. 2012 Apr;27(4):1207-12.

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**