

TFF2 Antibody

Purified Mouse Monoclonal Antibody Catalog # AO1998a

Specification

TFF2 Antibody - Product Information

Application E, WB, FC
Primary Accession Q03403
Reactivity Human
Host Mouse
Clonality Monoclonal
Isotype IgG1

Calculated MW 14.3kDa KDa

Description

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.

Immunogen

Purified recombinant fragment of human TFF2 (AA: 20-125) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide.

TFF2 Antibody - Additional Information

Gene ID 7032

Other Names

Trefoil factor 2, Spasmolysin, Spasmolytic polypeptide, SP, TFF2, SML1

Dilution

E~~1/10000 WB~~1/500 - 1/2000 FC~~1/200 - 1/400

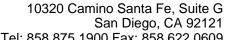
Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TFF2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TFF2 Antibody - Protein Information



Tel: 858.875.1900 Fax: 858.622.0609



Name TFF2

Synonyms SML1

Function

Inhibits gastrointestinal motility and gastric acid secretion. Could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains (By similarity).

Cellular Location Secreted.

Tissue Location Stomach.

TFF2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture