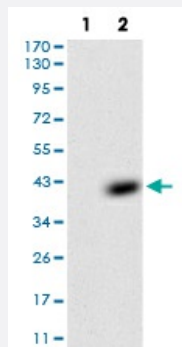


# TFF2 monoclonal antibody, clone 4G7C3

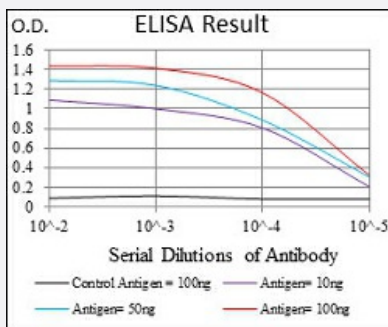
Catalog # MAB16649      Size 100 ug

## Applications



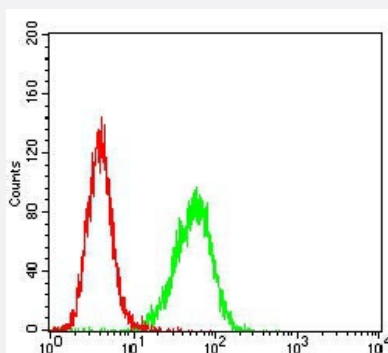
### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: TFF2-hlgGfc transfected HEK293 cell with TFF2 monoclonal antibody.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TFF2 monoclonal antibody, clone 4G7C3.



### Flow Cytometry

Flow cytometric analysis of Hela cells with TFF2 monoclonal antibody (green) and negative control (red).

## Specification

### Product Description

Mouse monoclonal antibody raised against recombinant human TFF2.

Immunogen	Recombinant protein corresponding to amino acid 20-125 of human TFF2 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	14.3
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: TFF2-hlgGfc transfected HEK293 cell with TFF2 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TFF2 monoclonal antibody, clone 4G7C3.

- Flow Cytometry

Flow cytometric analysis of Hela cells with TFF2 monoclonal antibody (green) and negative control (red).

## Gene Info — TFF2

Entrez GeneID	<a href="#">7032</a>
Gene Name	TFF2
Gene Alias	SML1, SP
Gene Description	trefoil factor 2

Omim ID [182590](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** spasmolysin|spasmolytic polypeptide|spasmolytic protein 1

## Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)