

TFF2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3696
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human TFF2 (AA: 20-125) expressed in E. Coli.
Mol wt	14.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	SP;SML1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

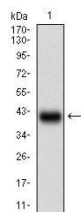
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

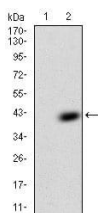
ELISA: 1:10000

Not yet tested in other applications.

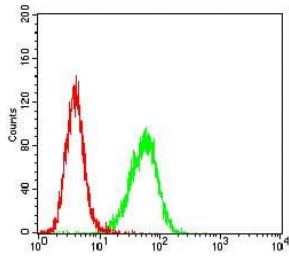
Images



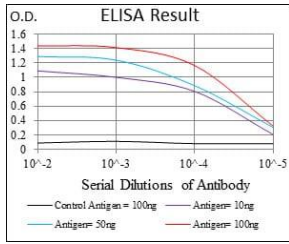
Western blot analysis using TFF2 mAb against human TFF2 (AA: 20-125) recombinant protein.
(Expected MW is 37.3 kDa)



Western blot analysis using TFF2 mAb against HEK293 (1) and TFF2 (AA: 20-125)-hIgGfc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HeLa cells using TFF2 mouse mAb (green) and negative control (red).



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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