

**TFF3 Antibody (monoclonal) (M02)**

Mouse monoclonal antibody raised against a full length recombinant TFF3.

Catalog # AT4224a

**Specification**

---

**TFF3 Antibody (monoclonal) (M02) - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q07654</a>
Other Accession	<a href="#">BC017859</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	8641

**TFF3 Antibody (monoclonal) (M02) - Additional Information**

**Gene ID** 7033

**Other Names**

Trefoil factor 3, Intestinal trefoil factor, hITF, Polypeptide P1B, hP1B, TFF3, ITF, TFI

**Target/Specificity**

TFF3 (AAH17859.1, 15 a.a. ~ 73 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

TFF3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

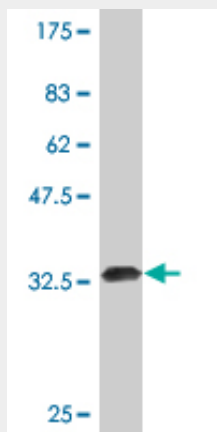
**TFF3 Antibody (monoclonal) (M02) - Protocols**

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

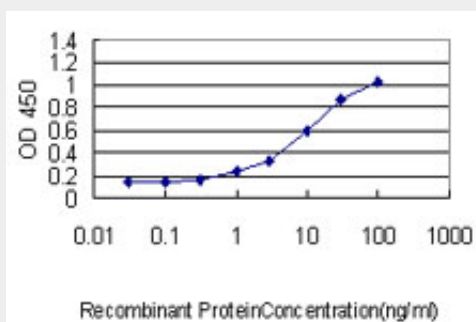
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### TFF3 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.23 KDa) .



Detection limit for recombinant GST tagged TFF3 is approximately 0.1ng/ml as a capture antibody.

### TFF3 Antibody (monoclonal) (M02) - 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. This gene is expressed in goblet cells of the intestines and colon. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21.

### TFF3 Antibody (monoclonal) (M02) - References

1. Identification and use of the putative *Bacteroides ovatus* xylanase promoter for the inducible production of recombinant human proteins. Hamady ZZ, Farrar MD, Whitehead TR, Holland KT, Lodge JP, Carding SR. Microbiology. 2008 Oct;154(Pt 10):3165-74.