

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	Q07654
Other Accession	BC017859
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.

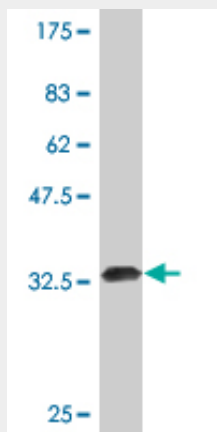
TFF3 Antibody (monoclonal) (M02) - Protocols

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

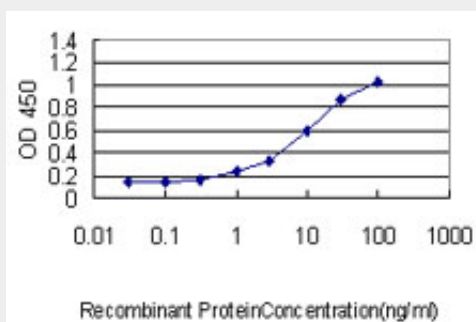
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [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 0.1 ng/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.