10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TFF3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant TFF3.
Catalog # AT4224a

Product Information

Application	WB, E
Primary Accession	Q07654
Other Accession	BC017859
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3G11
Calculated MW	8641

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 E~~N/A
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.

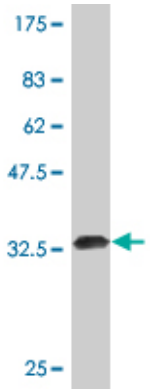
Background

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.

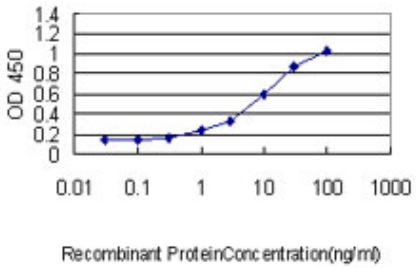
References

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.