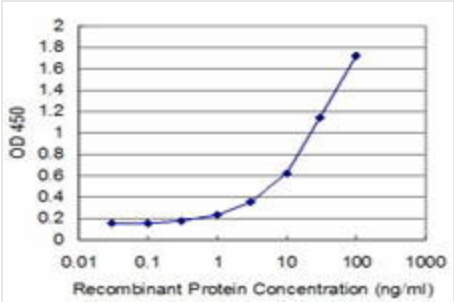
TFF1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TFF1, Monoclonal Antibody
Full Product Name	TFF1 (Trefoil Factor 1, BCEI, D21S21, HP1.A, HPS2, pNR-2, pS2) (HRP)
Product Gene Name	anti-TFF1 antibody
Product Synonym Names	Trefoil Factor 1; BCEI; D21S21; HP1.A; HPS2; pNR-2; pS2
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	M1
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Purity/Purification	Purified
Specificity	Recognizes TFF1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	TFF1 (AAH32811.1, 1aa-84aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MATMENKVICALVLVSMLALGTLAEAQTETCTVAPRERQNCGFPGVTPSQCANKGCCFDDTVRGVPWCFYPNTIDVPPEEECEF
Conjugate	HRP
Product Categories/Family for anti-TFF1 antibody	Antibodies; Trefoil Factor TFF
Applications Tested/Suitable for anti-TFF1 antibody	Western Blot (WB)
Application Notes for anti-TFF1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TFF1 antibody	MBS6179399 is an antibody targeting TFF1. Also known as TFF1 (Trefoil Factor 1, BCEI, D21S21, HP1.A, HPS2, pNR-2, pS2) (HRP). Host: Mouse.
Product References and Citations for anti-TFF1 antibody	1. Characterization of the Human Gastric Fluid Proteome Reveals Distinct pH-Dependent Protein Profiles: Implications for Biomarker Studies. Kam SY, Hennessy T, Chua SC, Gan CS, Philp R, Hon KK, Lai L, Chan WH, Ong HS, Wong WK, Lim KH, Ling KL, Tan HS, Tan MM, Ho M, Kon OL.J Proteome Res. 2011 Aug 15.
Other Notes	Small volumes of anti-TFF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Testing Data of anti-TFF1 antibody
Detection limit for recombinant GST tagged TFF1 is approximately 0.3ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFF1. It may not necessarily be applicable to this product.

NCBI GI #	21618459
NCBI GeneID	7031
NCBI Accession #	AAH32811.1
UniProt Related Accession #	P04155
NCBI Official Full Name	Trefoil factor 1
NCBI Official Synonym Full Names	trefoil factor 1
NCBI Official Symbol	TFF1
NCBI Official Synonym Symbols	pS2; BCEI; HPS2; HP1.A; pNR-2; D21S21
Protein Family	Trefoil factor
NCBI Protein Information	trefoil factor 1
NCBI Summary for TFF1	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, which is expressed in the gastric mucosa, has also been studied because of its expression in human tumors. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008]
Research Articles on TFF1	**1.** The data demonstrate the production of TFF3 in synovial membrane. Unexpectedly, synovial fluid contains all three known TFF peptides.
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