

# Product Datasheet

## TFF3 Antibody (3D9) - Azide and BSA Free H00007033-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00007033-M01**

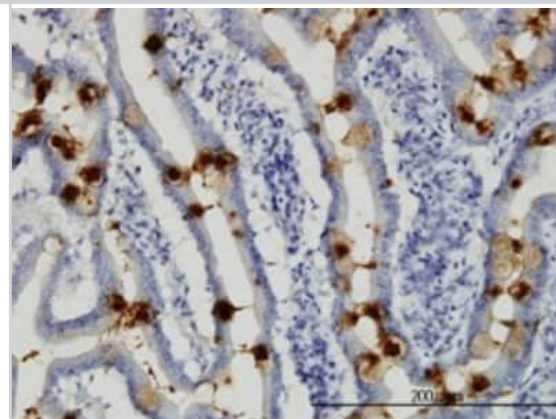
TFF3 Antibody (3D9) - Azide and BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 mg  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | 3D9   |
| Preservative                | No Preservative   |
| Isotype                     | IgG1 Kappa  |
| Purity                      | IgG purified  |
| Buffer                      | In 1x PBS, pH 7.4   |
| Product Description         |   |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.  |
| Host                        | Mouse   |
| Gene ID                     | 7033  |
| Gene Symbol                 | TFF3  |
| Species                     | Human   |
| Specificity/Sensitivity     | TFF3 - trefoil factor 3 (intestinal)  |
| Immunogen                   | 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.<br>EEYVGLSANQCAVPAKDRVDCGYPHVTPKECNNGCCFDSRIPGVPCFKPLQEAECTF |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.  |
| Product Application Details |   |
| Applications                | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 3 ug/ml   |
| Application Notes           | Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA. Use in Immunohistochemistry reported in scientific literature (PMID: 22516806).     |

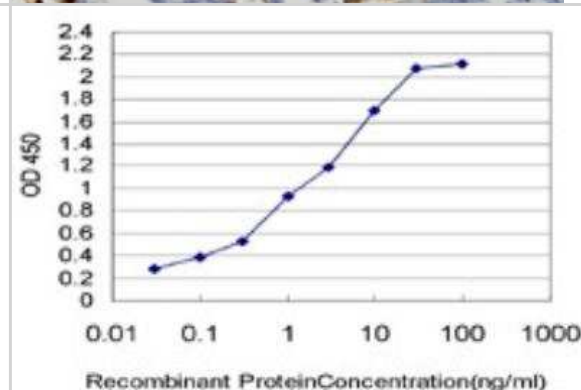


## Images

Immunohistochemistry-Paraffin: TFF3 Antibody (3D9) [H00007033-M01]  
- Analysis of monoclonal antibody to TFF3 on formalin-fixed paraffin-embedded human small Intestine. Antibody concentration 3 ug/ml.



ELISA: TFF3 Antibody (3D9) [H00007033-M01] - Detection limit for recombinant GST tagged TFF3 is approximately 0.03ng/ml as a capture antibody.



## Publications

Kalloger S, Kobel M, Leung S et al. Calculator for ovarian carcinoma subtype prediction. *Mod Pathol*. 2010-12-03 [PMID: 21131918]

Bignotti E, Ravaggi A, Tassi RA et al. Trefoil factor 3: a novel serum marker identified by gene expression profiling in high-grade endometrial carcinomas. *Br J Cancer*. 2008-09-02 [PMID: 18682706]

Proia TA, Keller PJ, Gupta PB et al. Genetic predisposition directs breast cancer phenotype by dictating progenitor cell fate. *Cell Stem Cell*. 2011-02-04 [PMID: 21295272]

Kim HJ, Kang UB, Lee H et al. Profiling of differentially expressed proteins in stage IV Colorectal cancers with good and poor outcomes. *J Proteomics*. 2011-12-10 [PMID: 22178445]

Schulze U, Hampel U, Sel S et al. Fresh and cryopreserved amniotic membrane secrete the trefoil factor family peptide 3 that is well known to promote wound healing. *Histochem Cell Biol*. 2012-04-03 [PMID: 22476621]

Han G, Sidhu D, Duggan MA et al. Reproducibility of histological cell type in high-grade endometrial carcinoma. *Mod Pathol*. 2013-06-28 [PMID: 23807777]

Du TY, Luo HM, Qin HC et al. Circulating serum trefoil factor 3 (TFF3) is dramatically increased in chronic kidney disease. *PLoS One*. 2013-01-01 [PMID: 24282531] (Human)

Xue H, Lu B, Zhang J et al. Identification of serum biomarkers for colorectal cancer metastasis using a differential secretome approach. *J Proteome Res* 9(1):545-55. 2010-01-01 [PMID: 19924834]

Casado E, Garcia VM, Sanchez JJ et al. Upregulation of Trefoil Factor 3 (TFF3) After Rectal Cancer Chemoradiotherapy Is an Adverse Prognostic Factor and a Potential Therapeutic Target. *Int J Radiat Oncol Biol Phys*. 2012-04-18 [PMID: 22516806] (IF/IHC, Human)



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### **Products Related to H00007033-M01**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP2-35060-5ug   | Recombinant Human TFF3 Protein                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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