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Datasheet for ABIN563166

## anti-TFF3 antibody (AA 15-73)

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### Overview

Quantity:	100 µg
Target:	TFF3
Binding Specificity:	AA 15-73
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TFF3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant TFF3.
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.
Sequence:	EEYVGLSANQ CAVPAKDRVD CGYPHVTPKE CNNRGCCFDS RIPGVPWCFK PLQEAECTF
Clone:	3D9
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	TFF3
Alternative Name:	TFF3 ( <a href="#">TFF3 Products</a> )
Background:	Full Gene Name: trefoil factor 3 (intestinal) Synonyms: HITF,ITF,TFI,hP1.B
Gene ID:	7033

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in: Han, Sidhu, Duggan, Arseneau, Cesari, Clement, Ewanowich, Kalloger, Köbel: "Reproducibility of histological cell type in high-grade endometrial carcinoma." in: **Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc**, Vol. 26, Issue 12, pp. 1594-604, (2013) ([PubMed](#)).

Du, Luo, Qin, Wang, Wang, Xiang, Zhang: "Circulating serum trefoil factor 3 (TFF3) is dramatically increased in chronic kidney disease." in: **PLoS ONE**, Vol. 8, Issue 11, pp. e80271, (2013) ([PubMed](#)).

Kim, Kang, Lee, Jung, Lee, Yu, Kim, Lee: "Profiling of differentially expressed proteins in stage IV colorectal cancers with good and poor outcomes." in: **Journal of proteomics**, Vol. 75, Issue 10, pp. 2983-97, (2012) ([PubMed](#)).

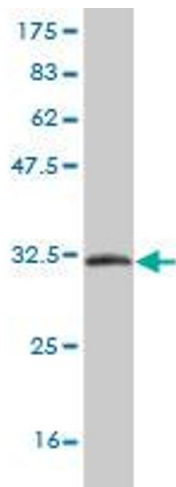
Schulze, Hampel, Sel, Goecke, Thäle, Garreis, Paulsen: "Fresh and cryopreserved amniotic membrane secrete the trefoil factor family peptide 3 that is well known to promote wound

healing." in: **Histochemistry and cell biology**, Vol. 138, Issue 2, pp. 243-50, (2012) ([PubMed](#)).

Proia, Keller, Gupta, Klebba, Jones, Sedic, Gilmore, Tung, Naber, Schnitt, Lander, Kuperwasser: " Genetic predisposition directs breast cancer phenotype by dictating progenitor cell fate." in: **Cell stem cell**, Vol. 8, Issue 2, pp. 149-63, (2011) ([PubMed](#)).

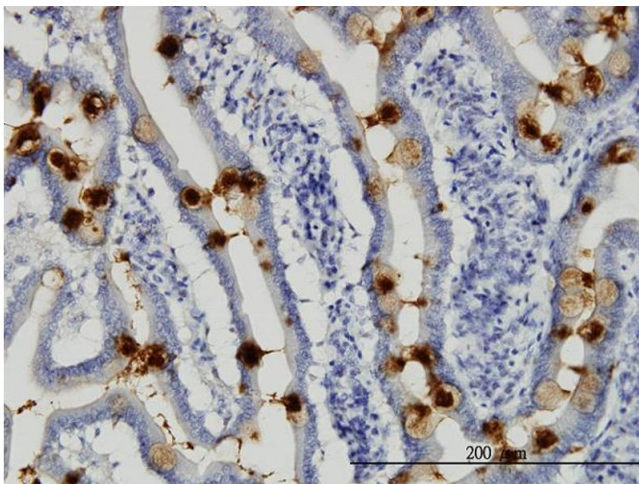
There are more publications referencing this product on: [Product page](#)

Images



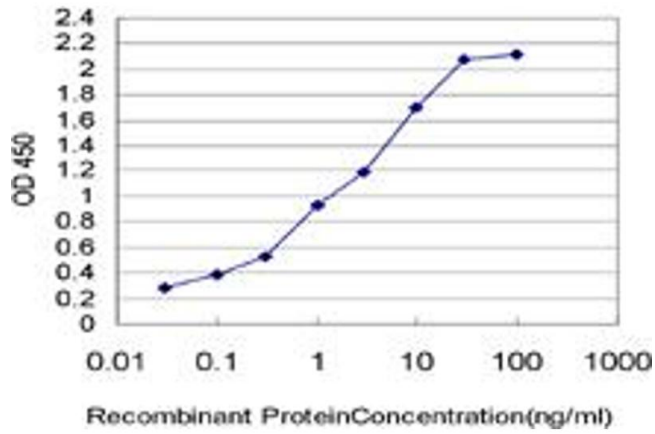
Western Blotting

**Image 1.** Western Blot detection against Immunogen (32.23 KDa) .



Immunostaining

**Image 2.** Immunoperoxidase of monoclonal antibody to TFF3 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



### ELISA

**Image 3.** Detection limit for recombinant GST tagged TFF3 is approximately 0.03ng/ml as a capture antibody.