

Product datasheet for **AM21051PU-N**

TFF1 Mouse Monoclonal Antibody [Clone ID: C-3D5]

Product data:

Product Type: Primary Antibodies

Clone Name: C-3D5

Applications: IHC

Recommended Dilution: **Immunohistochemistry on Frozen Sections:** 1 µg/ml (1/200).
Immunohistochemistry on Paraffin Sections: 0.4-2 µg/ml (1/100-1/500). Microwave pretreatment for antigen retrieval is required.
Suggested Positive Control: Human Lung Tissue, Swine Stomach.

Reactivity: Human

Host: Mouse

Isotype: IgG1

Clonality: Monoclonal

Immunogen: Peptide C57 to F84 from Human Trefoil Factor 1.
Antigen/Epitope: The antigen is Trefoil Factor 1, the epitope is located in the C-terminal region.

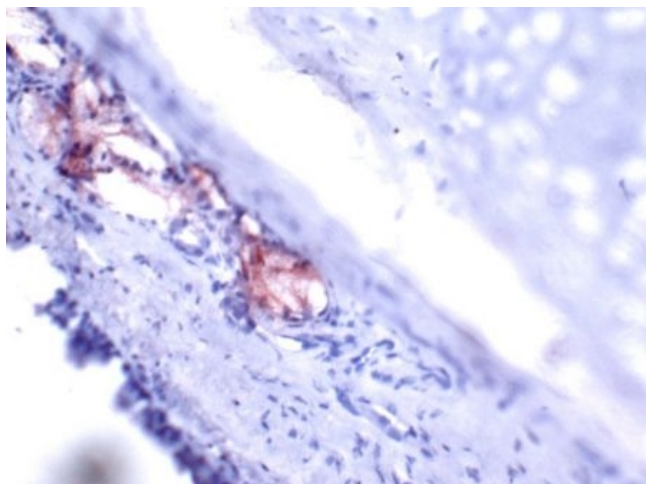
Specificity: This Monoclonal antibody detects Human/Porcine Trefoil Factor 1 (TFF1).
Antigen Distribution: The antigen has been described in stomach, with highest levels in the upper gastric mucosal cells. Detected in goblet cells of the small and large intestine and rectum, small submucosal glands in the esophagus, mucous acini of the sublingual gland, submucosal glands of the trachea, and epithelial cells lining the exocrine pancreatic ducts but not in the remainder of the. Scattered expression is detected in the epithelial cells of the gallbladder and submucosal glands of the vagina, and weak expression is observed in the bronchial goblet cells of the pseudostratified epithelia in the respiratory system. Detected in urine. Strongly expressed in breast cancer but at low levels in normal mammary tissue. It is regulated by estrogen in MCF-7 cells.
Strong expression found in normal gastric mucosa and in the regenerative tissues surrounding ulcerous lesions of gastrointestinal tract, but lower expression found in gastric cancer (Swissprot).



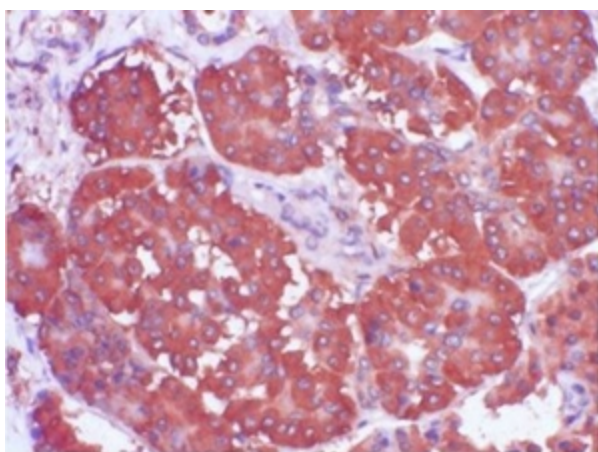
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Formulation:	Stock solution contains 0.2 mg/ml IgG, PBS, pH 7.2 with 5 mg/ml BSA as stabilizer and 0.01% Kathon as a preservative State: Aff - Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 0.5 ml distilled water.
Concentration:	0.2 mg/ml
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the lyophilized antibody at 2- 8°C. Following reconstitution, store at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	trefoil factor 1
Database Link:	Entrez Gene 7031 Human P04155
Background:	Trefoil Factor 1 has been described as a stabilizer of the mucous gel overlying the gastrointestinal mucosa that provides a physical barrier against various noxious agents. TFF1 may inhibit the growth of calcium oxalate crystals in urine.
Synonyms:	TFF1, BCEI, Breast cancer estrogen-inducible protein, PNR-2
Protein Families:	Druggable Genome, Secreted Protein

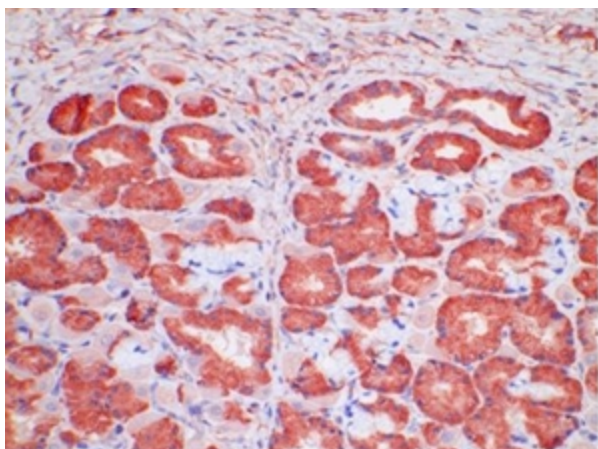
Product images:



Human Trachea Frozen Section stained with TFF1 Antibody (Clone C-3D5)



Human Pancreas, Paraffin Section stained with TFF1 Antibody (Clone C-3D5)



Swine Stomach, Paraffin Section stained with TFF1 Antibody (Clone C-3D5)