Rabbit Anti-TFF3 [EPR3974]: RM0184, RM0184RTU7

Intended Use: For Research Use Only

Description: Trefoil factors (TFFs) constitute a family of mucin-associated peptides containing one or more structurally characteristic trefoil domains. Trefoil factor 3 (TFF3) is a member of the trefoil family. They are mainly synthesized and secreted by mucin secreting epithelial cells lining the gastrointestinal tract and have a close association with mucins. TFF3 is expressed in goblet cells of the intestines and colon, eptihelial cells of the breast, prostate, thyroid, salivary gland and urinary tract. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial cells in healing processes (motogen).

Specifications:

Clone:	EPR3974 equivalent to EP107
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human
Localization:	Cytoplasm
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3).
Storage:	Store at 2°- 8°C
Applications:	IHC, IP, WB

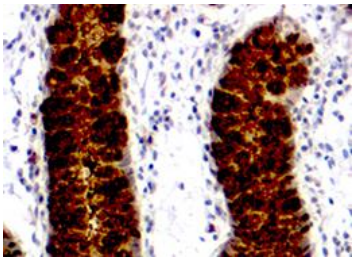
Package:

Description	Catalog No.	Size
TFF3 Concentrated	RM0184	1 ml
TFF3 Prediluted	RM0184RTU7	7 ml

IHC Procedure*:

Positive Control Tissue:	Colon, colon carcinoma
Concentrated Dilution:	50-200
Pretreatment:	Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human colon stained with anti-TFF3 using DAB

References:

1. Impact of NPM, TFF3 and TACC1 on the prognosis of patients with primary gastric cancer. Ding, et al. PLoS One 8:e82136, 2013.
2. Longitudinal cell formation in the entire human small intestine is correlated with the localization of Hath1 and Klf4. wasaki M, et al. J Gastroenterol 46:191-202, 2011.
3. Variability in the androgen response of prostate epithelium to 5alpha-reductase inhibition: implications for prostate cancer chemoprevention. Mostaghel EA, et al. Cancer Res 70:1286-95, 2010.

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