

Recombinant TFF1/pS2 Monoclonal Antibody

catalog number: AN301892L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

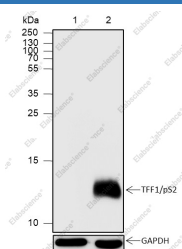
Reactivity	Human
Immunogen	Recombinant human TFF1/pS2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321513
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:100

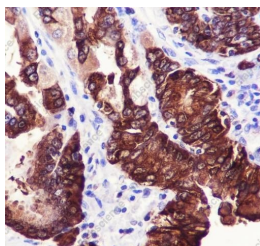
Data



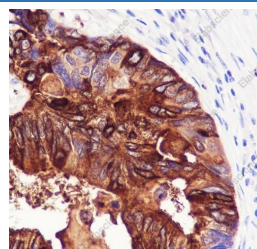
Western Blot with TFF1/pS2 Monoclonal Antibody at dilution of 1:2000. Lane 1: MDA-MB-231 (Negative control), Lane 2: MCF-7

Observed-MW:13 kDa

Calculated-MW:10 kDa



Immunohistochemistry of paraffin-embedded Human stomach using TFF1/pS2 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human colon cancer using TFF1/pS2 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.3

TFF1/pS2 is a gastric peptide that is highly expressed by mucosal goblet cells of the stomach, where it is thought to play a role in maintaining the integrity of the epithelial layer of the mucosa through the regulation of cell-cell adhesion and cell migration. Research studies have shown that TFF1 functions as a tumor suppressor in the stomach as its expression is frequently lost in gastric carcinomas, largely due to promoter hypermethylation. Research studies have also demonstrated that TFF1 is a transcriptional target of estrogen receptor- α and that TFF1 expression in breast carcinoma may be used as a predictive biomarker for response to anti-estrogen therapy.