

A Reliable Research Partner in Life Science and Medicine

# 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
 IgG, κ

 Clone
 A608

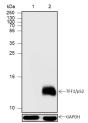
Purification Protein A purified

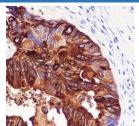
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

# Applications Recommended Dilution

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

#### Data

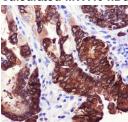




Rev. V1.1

Western Blot with TFF1/pS2 Monoclonal Antibody at dilution Immunohistochemistry of paraffin-embedded Human colon of 1:2000. Lane 1: MDA-MB-231(Negative control), Lane 2: cancer using TFF1/pS2 Monoclonal Antibody at dilution of MCF-7 1:100.

Observed-MW:13 kDa Calculated-MW:10 kDa



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

# **Preparation & Storage**

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

Shipping lce bag

### **Background**

## For Research Use Only

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#### **Elabscience Bionovation Inc.**

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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.

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