

# TFF2 Monoclonal antibody

Catalog Number: 66471-1-Ig

## Basic Information

Catalog Number:

66471-1-Ig

Size:

2000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG18765

GenBank Accession Number:

BC032820

GeneID (NCBI):

7032

Full Name:

trefoil factor 2

Calculated MW:

129 aa, 14 kDa

Observed MW:

16 kDa

Purification Method:

Protein A purification

CloneNo.:

2D7B1

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, pig, rat

Positive Controls:

WB : rat pancreas tissue, pig pancreas tissue, pig stomach tissue

## Background Information

The trefoil factor family (TFF), comprises of three polypeptides, TFF1, TFF2 and TFF3 (7-12 kDa), secreted to mucosal surfaces by mucus producing cells, prominently in the gastrointestinal tract. TFF2, also known as spasmolytic polypeptide, is a low-molecular weight protein, expressed in mucous neck cells of the fundus and glands at the base of the antrum in normal human stomach. TFF2 could inhibit gastrointestinal motility and gastric acid secretion. However, recent studies suggest that TFF2 could also play an important role in the immune system.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

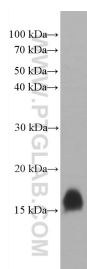
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W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



rat pancreas tissue were subjected to SDS PAGE followed by western blot with 66471-1-Ig (TFF2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.