

# CoraLite® Plus 488-conjugated TFF2 Monoclonal antibody

Catalog Number: **CL488-66471**

## Basic Information

## Catalog Number:

CL488-66471

## Size:

1000 µg/ml

## Source:

Mouse

## Isotype:

IgG2a

## Immunogen Catalog Number:

AG18765

## GenBank Accession Number:

BC032820

## GeneID (NCBI):

7032

## UNIPROT ID:

Q03403

## Full Name:

trefoil factor 2

## Calculated MW:

129 aa, 14 kDa

## Observed MW:

16 kDa

## Purification Method:

Protein A purification

## CloneNo.:

2D7B1

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

## Tested Applications:

FC (Intra)

## Species Specificity:

human

## 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:

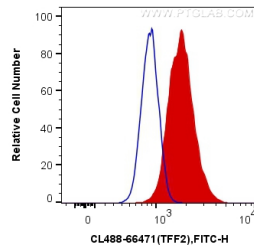
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

## Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human TFF2 (CL488-66471, Clone:2D7B1) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).