# TFF2 Antibody / Trefoil factor 2 [clone GE16C] (V8112)

| Catalog No. | Formulation | Size |
|---|---|---|
| V8112-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V8112-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V8112SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgM, kappa |
| **Clone Name** | GE16C |
| **Purity** | PEG precipitation |
| **UniProt** | Q03403 |
| **Applications** | ELISA (order BSA/azide-free format for coating) |
| **Limitations** | This TFF2 antibody is available for research use only. |



## Description

Trefoil peptides are protease resistant molecules secreted throughout the gut that play a role in mucosal healing. These peptides contain three intrachain disulfide bonds, forming the trefoil motif, or P-domain. pS2, also designated Md2, BCEI,

TFF1 and pNR-2, is a trefoil protein that is highly expressed in normal gastric mucosa. pS2 has also been detected in a number of carcinomas including cancers of the breast, pancreas and stomach. pS2 is not present in normal breast tissue but is inducible by estrogen in MCF7 cells. pS2 is known to form dimers and this dimerization is thought to play a role in its protective and healing properties. The gene encoding pS2 maps to human chromosome 21q22.3.

## Application Notes

Optimal dilution of the TFF2 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide corresponding to a 16-amino acid C-terminal sequence of the human Trefoil factor 2 protein was used as the immunogen for this TFF2 antibody.

## Storage

Store the TFF2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).


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