

### 36-3234: Anti-Trefoil factor 2 / TFF2 Monoclonal Antibody(Clone: GE16C)

|                                |                                                                                                                                                 |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality :</b>             | Monoclonal                                                                                                                                      |
| <b>Clone Name :</b>            | GE16C                                                                                                                                           |
| <b>Application :</b>           | ELISA                                                                                                                                           |
| <b>Reactivity :</b>            | Human                                                                                                                                           |
| <b>Gene :</b>                  | TFF2                                                                                                                                            |
| <b>Gene ID :</b>               | 7032                                                                                                                                            |
| <b>Uniprot ID :</b>            | Q03403                                                                                                                                          |
| <b>Alternative Name :</b>      | SML1; SP; Spasmolysin; Spasmolytic polypeptide; TFF2; trefoil factor 2 (spasmolytic protein 1);<br>Trefoil factor 2; Trefoil factor 2 precursor |
| <b>Isotype :</b>               | Mouse IgM, kappa                                                                                                                                |
| <b>Immunogen Information :</b> | Synthetic peptide corresponding to a 16-amino acid C-terminal sequence of the human Trefoil factor 2.                                           |

#### 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.

#### Product Info

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|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Amount :</b>            | 20 µg / 100 µg                                                                                                                                                          |
| <b>Content :</b>           | 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. |
| <b>Storage condition :</b> | Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.                               |

#### Application Note

ELISA (For coating, order Ab without BSA & Azide);