

Datasheet for ABIN6940693
anti-Trefoil Factor 2 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	Trefoil Factor 2 (TFF2)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Trefoil Factor 2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Coating (Coat)

Product Details

Immunogen:	Synthetic peptide corresponding to a 16-amino acid C-terminal sequence of the human Trefoil factor 2.
Clone:	GE16C
Isotype:	IgM kappa
Purification:	Purified by Protein A/G

Target Details

Target:	Trefoil Factor 2 (TFF2)
Alternative Name:	TFF2 (TFF2 Products)
Background:	Trefoil peptides are protease resistant molecules secreted throughout the gut that play a role in

Target Details

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.

Molecular Weight: 14kDa

Gene ID: 7032

UniProt: [Q03403](#)

Application Details

Application Notes: Positive Control: Human stomach or duodenum tissues (IHC).
Known Application: ELISA (For coating, order Ab without BSA & Azide), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10mM PBS with 0.05% BSA & 0.05% azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: 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. No MSDS required.

Expiry Date: 24 months