

Rabbit anti-Human TFF3 mAb(CAP)

Catalog No.: RMK0021

Basic Information

Catalog No.
RMK0021

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1% BSA, pH 7.8.

Contact

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Background

Trefoil Factor 3 (TFF3), also known as Intestinal Trefoil Factor (ITF) and P1. B, is one of three structurally related secreted proteins that contain trefoil domains. These domains adopt a three-leaved conformation held together by conserved intrachain disulfide bonds. TFF3 is an approximately 7 kDa peptide that plays an important role in epithelial regeneration and wound healing. It can form disulfide-linked dimers or associate into disulfide-linked complexes with the intestinal mucous proteins FCGBP and MUC-2. TFF3 is expressed by epithelial goblet cells in the respiratory tract, biliary and breast ducts, conjunctiva, small and large intestine, and cardia of the stomach. Following secretion, TFF3 is retained in the overlying mucous layer and is also found in breast milk and serum. TFF3 is also expressed by chondrocytes during bone development and by select cochlear, hypothalamic, and pituitary neurons (16-18). Mature human TFF3 shares 76% amino acid sequence identity with mouse and rat TFF3. TFF3 is upregulated in response to a r...

Immunogen Information

Immunogen
Recombinant Human TFF3

Cross-Reactivity

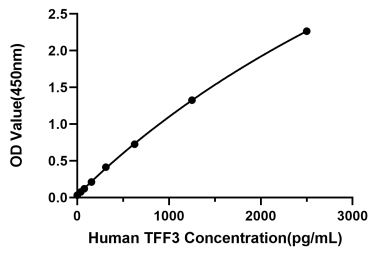
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Assay Applications

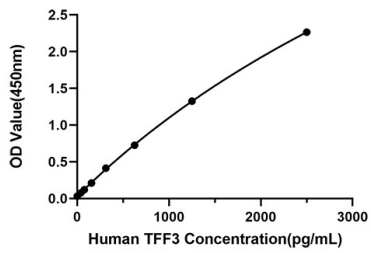
Human TFF3 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Rabbit anti-Human TFF3 mAb(CAP)(Cat. No.RMK0021)
ELISA Detection	0.005-0.02ug/mL	Rabbit anti-Human TFF3 mAb(DET)(Cat. No.RMK0022)
Standard	39.06-2500pg/mL	Recombinant Human TFF3 Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



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