

For Research Use Only

# TFF1 Recombinant antibody

Catalog Number: 83467-2-RR



## Basic Information

<b>Catalog Number:</b> 83467-2-RR	<b>GenBank Accession Number:</b> BC032811	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7031	<b>CloneNo.:</b> 240424F5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04155	
<b>Isotype:</b> IgG	<b>Full Name:</b> trefoil factor 1	
<b>Immunogen Catalog Number:</b> AG4541	<b>Calculated MW:</b> 84 aa, 9 kDa	

## Applications

**Tested Applications:**  
FC (Intra), ELISA

**Species Specificity:**  
human

## Background Information

TFF1 (Trefoil factor 1, formerly known as pS2) is a small-secreted protein that belongs to the family of trefoil peptides, and characterized by the presence of one to six cysteine-rich P domains. TFF1 expression is frequently lost in gastric carcinoma, probably through mechanism of DNA methylation, and it is therefore considered as a tumor suppressor gene. The function of TFF1 was first controversially considered as an oncogene in breast cancer.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

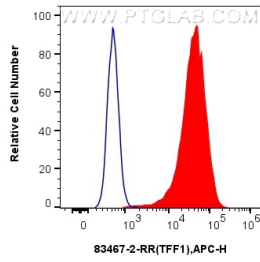
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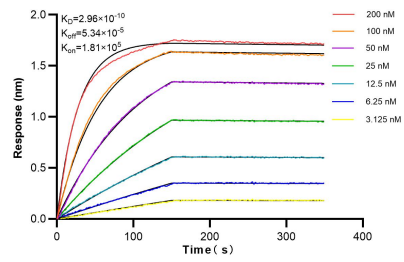
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## Selected Validation Data



$1 \times 10^6$  MCF-7 cells were intracellularly stained with 0.25  $\mu$ g Tff1 Recombinant Antibody (83467-2-RR, Clone:240424F5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83467-2-RR against Human TFF1 were performed. The affinity constant is 0.296 nM.