

For Research Use Only

TFF1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83467-2-PBS



Basic Information

Catalog Number:	83467-2-PBS	GenBank Accession Number:	BC032811	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	7031	CloneNo.:	240424F5
Source:	Rabbit	UNIPROT ID:	P04155		
Isotype:	IgG	Full Name:	trefoil factor 1		
Immunogen Catalog Number:	AG4541	Calculated MW:	84 aa, 9 kDa		

Applications

Tested Applications:
FC (Intra), Cytometric bead array, Indirect 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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

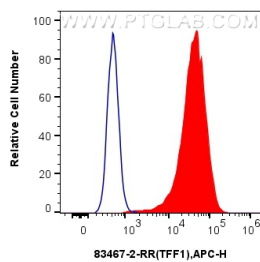
T: 4006900926

E: Proteintech-CN@ptglab.com

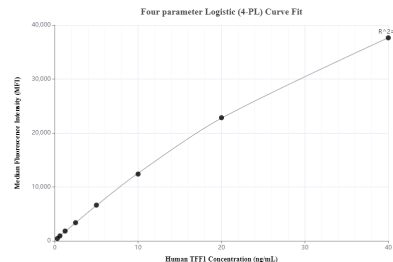
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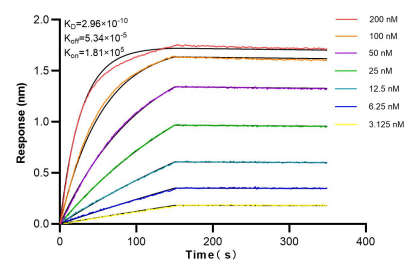
Selected Validation Data



1x10⁶ MCF-7 cells were intracellularly stained with 0.25 ug Tff1 Recombinant Antibody (83467-2-RR, Clone:240424F5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83467-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00469-1, TFF1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83467-2-PBS. Detection antibody: 83467-1-PBS. Standard: Ag4541. Range: 0.313-40 ng/mL.



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