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Datasheet for ABIN6940689 anti-TFF1 antibody (C-Term)

2 Images



Overview

Quantity:	100 µg
Target:	TFF1
Binding Specificity:	C-Term
Reactivity:	Human, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TFF1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	A synthetic peptide from the C-terminus of human TFF1 protein.
Clone:	TFF1-1091
Isotype:	lgG1 kappa
Specificity:	It recognizes a polypeptide of 6.5 kDa, identified as pS2 estrogen-regulated protein. Its epitope
	is located in the c-terminus of human pS2 protein. pS2 is a trefoil peptide. Trefoil peptides are
	protease resistant molecules secreted throughout the gut that play a role in mucosal healing.
	These peptides contain three intra-chain disulfide bonds, forming the trefoil motif, or P-domain.
	pS2 is known to form dimers and this dimerization is thought to play a role in its protective and
	healing properties. About 60 % of breast carcinomas are positive for pS2. Staining is
	cytoplasmic, often with localization to the Golgi apparatus. pS2 is shown to be localized in
	normal stomach mucosa, gastric fluid, goblet cells in the colon and small intestine, and in

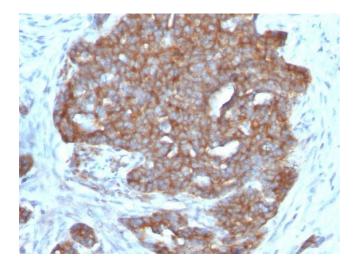
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Product Details	
	ulcerations of the gastrointestinal tract. Several studies have shown that pS2 is primarily
	expressed in estrogen receptor-positive breast tumors and it may define a subset of estrogen-
	dependent tumors that displays an increased likelihood of response to endocrine therapy.
Purification:	Purified by Protein A/G
Target Details	
Target:	TFF1
Alternative Name:	TFF1 (TFF1 Products)
Molecular Weight:	6.5kDa
Gene ID:	7031
UniProt:	P04155
Pathways:	EGFR Signaling Pathway
Application Details	
Application Notes:	Positive Control: Breast or Ovarian carcinoma.
	Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1.0 μ g/mL for 30 minutes at
	RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate
	Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a
	specific application should be determined.
Restrictions:	For Research Use only
Handling	
Concentration:	200 μg/mL
Buffer:	10 mM 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

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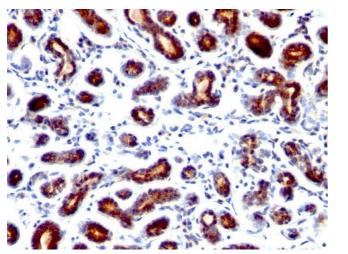
24 months

Images



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with pS2 Monoclonal Antibody (TFF1/1091).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human breast Carcinoma stained with pS2 Monoclonal Antibody (TFF1/1091).

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