

Datasheet for ABIN6940691

Recombinant anti-TFF1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TFF1
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This TFF1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human TFF1 protein
Clone:	RTFF1-1091
Isotype:	IgG1 kappa
Specificity:	<p>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</p>

Product Details

normal stomach mucosa, gastric fluid, goblet cells in the colon and small intestine, and in 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: MCF-7 cells (FACS/IF). Human breast or ovarian carcinoma (IHC).
Known Application: Immunohistochemistry (Formalin-fixed. Not suitable for frozen tissues.)
(0.5-1 µg/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

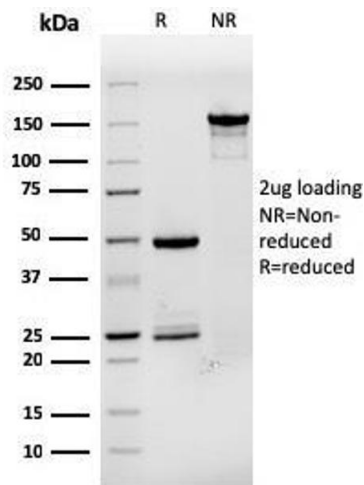
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

Handling

is stable for 24 months. Non-hazardous. No MSDS required.

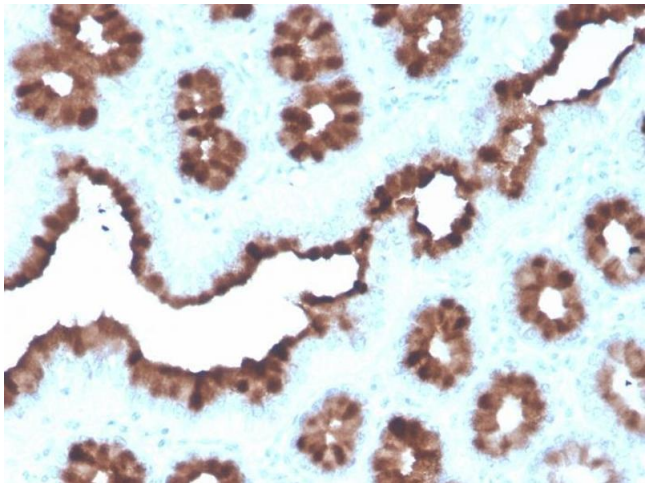
Expiry Date: 24 months

Images



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified TFF1/ps2 Mouse Monoclonal Antibody (rTFF1/1091). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with TFF1/pS2 Mouse Monoclonal Antibody (rTFF1/1091).