

Product Datasheet

TFF1/pS2 Antibody (TFF1/2133) - Azide and BSA Free NBP3-08247

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08247

TFF1/pS2 Antibody (TFF1/2133) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TFF1/2133
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	6.5 kDa

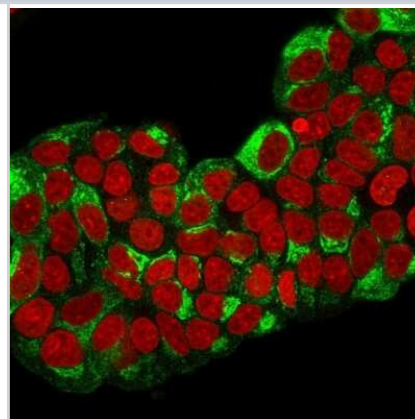
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07341). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7031
Gene Symbol	TFF1
Species	Human
Specificity/Sensitivity	It recognizes a polypeptide of 6.5kDa, 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 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.
Immunogen	Recombinant full-length human TFF1/pS2 protein (Uniprot: P04155)

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

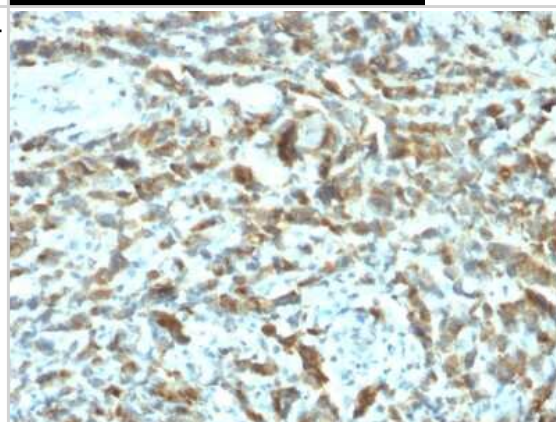


Images

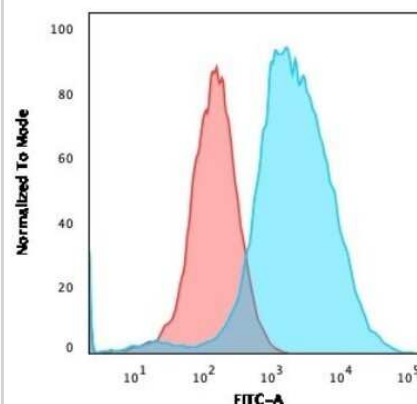
Immunocytochemistry/Immunofluorescence: TFF1/pS2 Antibody (TFF1/2133) [NBP3-08247] - Immunofluorescence staining of paraformaldehyde-fixed MCF-7 cells with TFF1/pS2 Mouse Monoclonal Antibody (TFF1/2133) followed by goat anti- Mouse IgG-CF488 (Green). Nucleus is labeled with RedDot(Red).



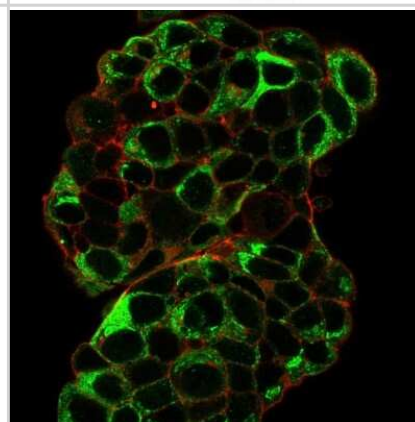
Immunohistochemistry-Paraffin: TFF1/pS2 Antibody (TFF1/2133) [NBP3-08247] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with TFF1/pS2 Mouse Monoclonal Antibody (TFF1/2133).



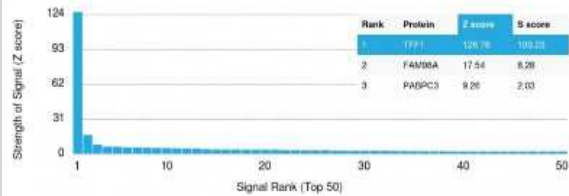
Flow Cytometry: TFF1/pS2 Antibody (TFF1/2133) [NBP3-08247] - Flow Cytometric Analysis of PFA-fixed MCF-7 cells using TFF1/pS2 Mouse Monoclonal Antibody (TFF1/2133) followed by goat anti- Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunocytochemistry/Immunofluorescence: TFF1/pS2 Antibody (TFF1/2133) [NBP3-08247] - Immunofluorescence staining of paraformaldehyde-fixed MCF-7 cells with TFF1/pS2 Mouse Monoclonal Antibody (TFF1/2133) followed by goat anti- Mouse IgG-CF488 (Green). Membrane are labeled with phalloidin (Red).



Protein Array: TFF1/pS2 Antibody (TFF1/2133) [NBP3-08247] - Analysis of Protein Array containing more than 19,000 full-length human proteins using TFF1/pS2 Mouse Monoclonal Antibody (TFF1/2133).





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Products Related to NBP3-08247

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-35042-5ug	Recombinant Human TFF1/pS2 Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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