

Product Datasheet

TFF1/pS2 Antibody (GE2 (same as R47/94)) - IHC- Prediluted NBP2-44996

Unit Size: 7 ml

Store at 4C.

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NBP2-44996

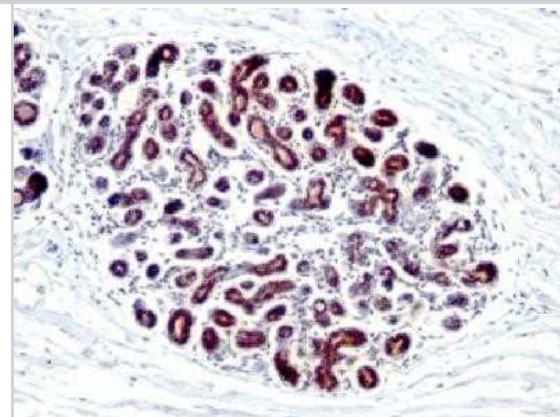
TFF1/pS2 Antibody (GE2 (same as R47/94)) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	GE2 (same as R47/94)
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	6.5 kDa
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	7031
Gene Symbol	TFF1
Species	Human, Cynomolgus Monkey
Specificity/Sensitivity	It recognizes a polypeptide of 6.5kDa, identified as pS2 estrogen-regulated protein. Its epitope is localized between aa57-84 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	A synthetic peptide (around aa 57-84) of human TFF1/pS2 polypeptide (exact sequence is proprietary) (Uniprot: P04155)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml
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. Optimal dilution for a specific application should be determined.

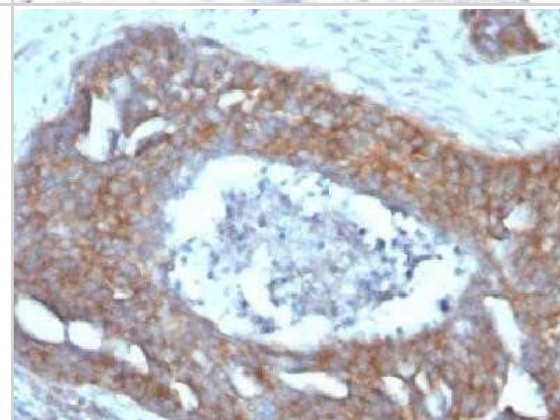


Images

Immunohistochemistry-Paraffin: TFF1/pS2 Antibody (GE2 (same as R47/94)) - IHC-Prediluted [NBP2-44996] - Formalin-fixed paraffin-embedded human breast carcinoma stained with PS2 Monoclonal Antibody (GE2). Image using the Azide and BSA Free form of this antibody.



Immunohistochemistry-Paraffin: TFF1/pS2 Antibody (GE2 (same as R47/94)) - IHC-Prediluted [NBP2-44996] - Formalin-fixed, paraffin-embedded human Ovarian carcinoma stained with pS2 Monoclonal Antibody (GE2).





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Products Related to NBP2-44996

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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.

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