

Product Datasheet

TFF1/pS2 Antibody (TFF1/1091)

NBP2-44999-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Updated 10/23/2024 v.20.1

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NBP2-44999-0.1mg

TFF1/pS2 Antibody (TFF1/1091)

| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 0.1 mg |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | TFF1/1091 |
| 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 |

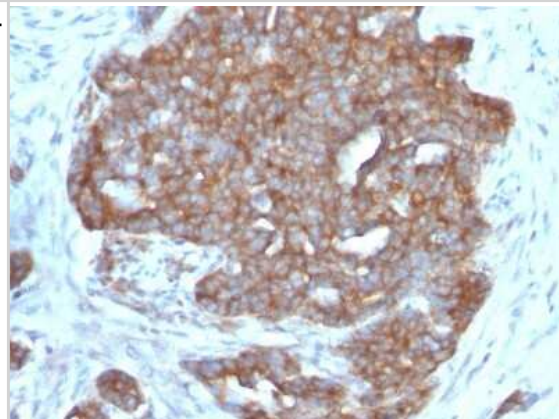
| Product Description | |
|-------------------------|---|
| Description | <p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-48010)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p> |
| Host | Mouse |
| Gene ID | 7031 |
| Gene Symbol | TFF1 |
| Species | Human, Monkey |
| Specificity/Sensitivity | <p>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.</p> |
| Immunogen | A synthetic peptide from the C-terminus of human TFF1/pS2 protein. (Uniprot: P04155) |

| Product Application Details | |
|-----------------------------|--|
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | <p>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.</p> |

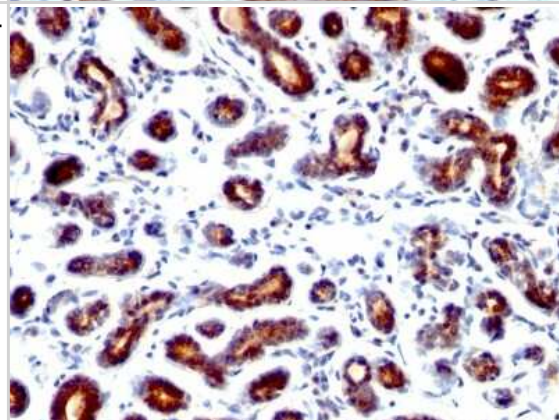


Images

Immunohistochemistry-Paraffin: TFF1/pS2 Antibody (TFF1/1091) [NBP2-44999] - Human Ovarian Carcinoma stained with pS2 Monoclonal Antibody (TFF1/1091).



Immunohistochemistry-Paraffin: TFF1/pS2 Antibody (TFF1/1091) [NBP2-44999] - Human Breast Carcinoma stained with pS2 Monoclonal Antibody (TFF1/1091).





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Products Related to NBP2-44999-0.1mg

| | |
|------------------|---|
| 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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