

**ARG62611**  
anti-pS2 / Trefoil factor 1 antibody [pS2.1]Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [pS2.1] recognizes pS2/Trefoil factor 1
Tested Reactivity	Hu
Tested Application	IHC
Host	Mouse
Clonality	Monoclonal
Clone	pS2.1
Isotype	IgG1
Target Name	pS2 / Trefoil factor 1
Species	Human
Immunogen	Synthetic peptide: KGCCFDDTVRGVPWCFYPNTIDVPPEEECEF, corresponding to amino acids 54-84 of Human pS2.
Conjugation	Un-conjugated
Alternate Names	D21S21; pNR-2; Trefoil factor 1; PNR-2; BCEI; hP1.A; HPS2; pS2; Polypeptide P1.A; HP1.A; Protein pS2; Breast cancer estrogen-inducible protein

### Application Instructions

Application Note	IHC: 1/10 - 1/500 * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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### Properties

Form	Liquid
Purification	Protein G purified
Buffer	10mM PBS (pH 7.4), 0.2% BSA and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Stabilizer	0.2% BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 7031 Human</a> <a href="#">Swiss-port # P04155 Human</a>
Gene Symbol	TFF1
Gene Full Name	trefoil factor 1
Background	Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer, and affect healing of the epithelium. This gene, which is expressed in the gastric mucosa, has also been studied because of its expression in human tumors. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008]
Function	Stabilizer of the mucous gel overlying the gastrointestinal mucosa that provides a physical barrier against various noxious agents. May inhibit the growth of calcium oxalate crystals in urine. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	9 kDa