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**Product Name: pS2 Mouse Monoclonal Antibody****Catalog #: AMM22145**

For research use only.

**Summary**

<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Purification</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

**Application**

<b>Dilution Ratio</b>	IHC 1:200-400;ELISA 1:500-5000
<b>Molecular Weight</b>	Calculated MW:13kDa,Observed MW:9kDa

**Antigen Information**

<b>Gene Name</b>	TFF1 BCEI PS2
<b>Alternative Names</b>	Trefoil factor 1;Breast cancer estrogen-inducible protein;PNR-2;Polypeptide P1.A;hP1.A;Protein pS2;
<b>Gene ID</b>	Human:7031
<b>SwissProt ID</b>	Human:P04155
<b>Immunogen</b>	Synthesized peptide derived from human pS2 AA range: 25-84

**Background**

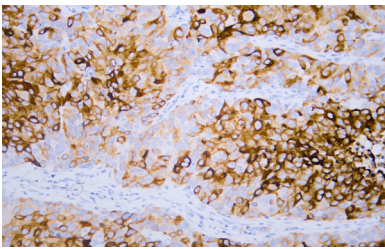
Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions

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],

## Research Area

Pathology

## Image Data



Human breast carcinoma tissue was stained with Anti-pS2 Antibody