

## pS2 Antibody (Estrogen Inducible Protein ) (R30774)

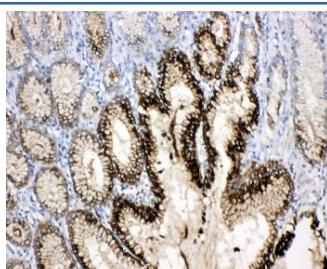
Catalog No.	Formulation	Size
R30774	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P04155
<b>Localization</b>	Cytoplasmic, secreted
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This pS2 antibody is available for research use only.



Western blot testing of pS2 antibody and human MCF-7 cell lysate. Predicted molecular weight ~12 kDa.



IHC-P: pS2 antibody testing of human gastric cancer tissue

## Description

Trefoil factor 1, also known as TFF1 and Estrogen inducible factor pS2, is a protein that in humans is encoded by the TFF1 gene. Family members are stable secretory proteins expressed in gastrointestinal mucosa that protect the mucosa from insults, stabilize the mucus layer, and affect healing of the epithelium. The protein in normal human urine inhibited the growth of calcium oxalate crystals, and lack of pS2 may contribute to the development of idiopathic calcium oxalate kidney stones. Urinary pS2 showed an inhibitory potency similar to that of nephrocalcin, and inhibition was dose dependent and inhibited by pS2 antisera, particularly by antisera directed to the pS2 C terminus.

## Application Notes

Titration of the pS2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Amino acids 67-84 (WCFYPNTIDVPPEEECEF-human) were used as the immunogen for this pS2 antibody.

## Storage

The lyophilized pS2 antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freezing and thawing.