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pS2

Rabbit Monoclonal antibody(Mab)
Catalog # AD80119

Product Information

Application	IHC-P
Primary Accession	P04155
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	551B1G5
Calculated MW	9150

Additional Information

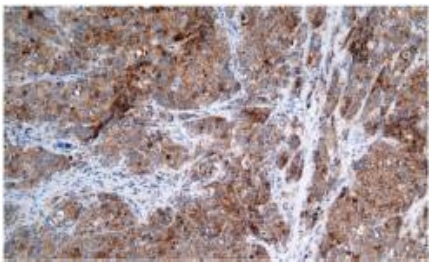
Gene ID	7031
Gene Name	TFF1
Other Names	Trefoil factor 1, Breast cancer estrogen-inducible protein, PNR-2, Polypeptide P1.A, hP1.A, Protein pS2, TFF1, BCEI, PS2
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	pS2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TFF1
Synonyms	BCEI, PS2
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.
Cellular Location	Secreted
Tissue Location	Found in stomach, with highest levels in the upper gastric mucosal cells (at protein level). Detected in goblet cells of the small and large intestine and rectum, small submucosal glands in the esophagus, mucous acini of the sublingual gland, submucosal glands of the trachea, and epithelial cells lining the exocrine pancreatic ducts but not in the remainder of the pancreas (at protein level) Scattered expression is detected in the epithelial cells of the gallbladder and submucosal glands of the vagina, and weak expression is observed in the bronchial goblet cells of the pseudostratified epithelia in the respiratory system (at protein level). Detected in urine (at protein level). Strongly expressed in breast cancer but at low levels in normal mammary tissue. It is regulated by estrogen in MCF-7 cells. Strong expression found in

normal gastric mucosa and in the regenerative tissues surrounding ulcerous lesions of gastrointestinal tract, but lower expression found in gastric cancer (at protein level).

Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human breast carcinoma tissue was performed with pS2 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.