Anti-TFF1 [PS2GE2]

Catalogue number: 151569
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-TFF1 [PS2GE2]

Alternate name: BCEI, Breast Cancer Estrogen Inducible Protein, Gastrointestinal Trefoil Protein, Gastrointestinal trefoil protein pS2, HP1A, HPS2, pNR2, TFF1, Trefoil Factor 1Human Entrez Gene ID 731 Human SwissProt P4155 Human Unigene 16287 Human Gene Symbol TFF1Human Chromosome Location 16p11.2

Class: Monoclonal
Conjugate: Unconjugated
Description: pS2 is a cysteine-rich, 6.5kDa protein found in both oestrogen-dependent (breast tumours) and oestrogen-independent tissues (normal stomach mucosa). About 60% of breast carcinomas are positive for pS2. Staining is cytoplasmic, often with localisation to the Golgi apparatus. pS2 is primarily expressed in oestrogen receptor-positive breast tumours.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: A synthetic peptide of 28 amino acid residues from the C-terminus of human pS2 protein
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls: Normal stomach, breast or ovarian carcinoma
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Trefoil factor 1 (TFF1), also known as pS2

Target alternate names:

Target background: pS2 is a cysteine-rich, 6.5kDa protein found in both oestrogen-dependent (breast tumours) and oestrogen-independent tissues (normal stomach mucosa). About 60% of breast carcinomas are positive for pS2. Staining is cytoplasmic, often with localisation to the Golgi apparatus. pS2 is primarily expressed in oestrogen receptor-positive breast tumours.

Molecular weight: 6.5 kDa

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Williams et al. 1996. Hum Pathol. 27(12):1259-66. PMID: 8958295. ; Characterization of monoclonal antibodies raised to C-terminal peptides of pS2: a major trefoil peptide and motility factor expressed in adenocarcinomas and regions of mucosal injury.