

Estrogen Inducible Protein pS2 Conjugated Antibody

Catalog No: #C49675



Package Size: #C49675-AF350 100ul #C49675-AF405 100ul #C49675-AF488 100ul
 #C49675-AF555 100ul #C49675-AF594 100ul #C49675-AF647 100ul
 #C49675-AF680 100ul #C49675-AF750 100ul #C49675-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | Estrogen Inducible Protein pS2 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Species Reactivity | Hu |
| Immunogen Description | Recombinant protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | BCEI antibody Breast cancer estrogen inducible protein antibody Breast cancer estrogen inducible sequence antibody Breast cancer estrogen-inducible protein antibody D21S21 antibody Gastrointestinal trefoil protein antibody Gastrointestinal trefoil protein pS2 antibody hP1.A antibody HP1A antibody HPS 2 antibody HPS2 antibody pNR 2 antibody PNR-2 antibody pNR2 antibody Polypeptide P1.A antibody Protein pS2 antibody PS 2 antibody pS2 antibody pS2 protein antibody TFF 1 antibody TFF1 antibody TFF1_HUMAN antibody Trefoil factor 1 antibody |
| Accession No. | Swiss-Prot#:P04155 |
| Uniprot | P04155 |
| GeneID | 7031; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Trefoil peptides are protease resistant molecules secreted throughout the gut that play a role in mucosal healing. These peptides contain three intrachain disulfide bonds, forming the trefoil motif, or P-domain. pS2, also designated Md2, BCEI, TFF1 and pNR-2, is a trefoil protein that is highly expressed in normal gastric mucosa. pS2 has also been detected in a number of carcinomas including cancers of the breast, pancreas and stomach. pS2 is not present in normal breast tissue but is inducible by estrogen in MCF7 cells. pS2 is known to form dimers and this dimerization is thought to play a role in its protective and healing properties. The gene encoding pS2 maps to human chromosome 21q22.3.

Note: This product is for in vitro research use only