

Rabbit Anti-MUC17/Cy5.5 Conjugated antibody

SL17904R-Cy5.5

Product Name	Anti-MUC17/Cy5.5
Chinese Name	Cy5.5 标记的粘蛋白 17 抗体
Alias	Membrane mucin MUC17; MUC-17; MUC-3; MUC17; MUC17_HUMAN; Mucin 17, cell surface associated; Mucin-17; Secreted mucin MUC17; Small intestinal mucin MUC3; Small intestinal mucin-3.
Research Area	Tumour Cell biology Signal transduction Cell adhesion molecule
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human)
Applications	IF=1:100-500not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	449kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human MUC17
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: Membrane mucins, such as MUC17, function in epithelial cells to provide cytoprotection, maintain luminal structure, provide signal transduction, and confer antiadhesive properties upon cancer cells that lose their apical/basal polarization.[supplied by OMIM, Apr 2004]

Function:

Probably plays a role in maintaining homeostasis on mucosal surfaces.

Subcellular Location:

Cell membrane and Secreted. Cell membrane.

Tissue Specificity:

Expressed almost exclusively in the intestine. Expression is especially high in both the duodenum and transverse colon. Expressed in mature absorptive cells of the small intestinal villi. No expression is detected in goblet cells. Highly expressed in pancreatic adenocarcinoma tissue (at protein level). Expression is not detectable in normal pancreas, in pancreatitis or in cell lines derived from other cancers.

Post-translational modifications:

Probably cleaved within the SEA domain.

N-glycosylated. Contains high mannose and complex-type glycans. The forms containing the complex type glycans localize to the cell surface. Not O-glycosylated.

Similarity:

Contains 1 EGF-like domain.

Contains 1 SEA domain.

Database links:

[Entrez Gene: 140453](#) Human

[SwissProt: Q685J3](#) Human

[Unigene: 271819](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.