

## Datasheet: 0100-0179

<b>Description:</b>	RABBIT ANTI HUMAN SECRETIN
<b>Specificity:</b>	SECRETIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin(1)	■			1/50 - 1/100
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment. Sodium citrate buffer pH6.0 is recommended for this purpose.**

### Target Species

Human

### Species Cross Reactivity

Reacts with: Pig  
**N.B.** Antibody reactivity and working conditions may vary between species.

### Product Form

Purified IgG - liquid

### Preparation

Purified IgG prepared by affinity chromatography on Protein G

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN<sub>3</sub>)

### Approx. Protein Concentrations

5 mg/ml

### Immunogen

Synthetic peptide HSDGTFTSELSRLREGARLQRLQLGLV corresponding to part of the native molecule.

### External Database Links

#### UniProt:

[P09683](#) SECR\_HUMAN [Related reagents](#)

#### Entrez Gene:

[6343](#) SCT [Related reagents](#)

### Specificity

Secretin is a polypeptide hormone produced by the S-cells of the duodenum in response to a low pH. This stimulates bicarbonate secretion from various sources that acts as a buffer in order to maintain a constant pH.

This antibody exhibits the following reactivities:

Secretin (human) 100%

Secretin (porcine) 140%  
Neuromedin N 0.001%  
Neuromedin U-25 <=0.001%  
VIP (porcine) <=0.001%  
Substance P <=0.001%  
Somatostatin <=0.001%

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<b>ELISA</b>	The sensitivity of this antibody is approximately 500 pM.
<b>Histology Positive Control Tissue</b>	Jejunum
<b>References</b>	1. Park, K.H. <i>et al.</i> (2002) Effect of Acriflavine-Guanosine Compound (AG60) Treatment on the Gastrointestinal Endocrine Cells of Mouse Inoculated with Ehrlich Carcinoma Cells. <a href="#">Korean J Anat. 35: 25-36</a>
<b>Storage</b>	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet Documentation #10040 available at: <a href="http://www.abdserotec.com/uploads/MSDS/10040.pdf">http://www.abdserotec.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR36...) [DyLight@800](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR54...) [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)  
Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

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