

Datasheet: 0100-0179

Description:	RABBIT ANTI HUMAN SECRETIN
Specificity:	SECRETIN
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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 ₃)
Approx. Protein Concentrations	5 mg/ml
Immunogen	Synthetic peptide HSDGTFTSELSRLREGARLQRLQLGLV corresponding to part of the native molecule.
External Database Links	<p>UniProt: P09683 SECR_HUMAN Related reagents</p> <p>Entrez Gene: 6343 SCT Related reagents</p>

Specificity	<p>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.</p> <p>This antibody exhibits the following reactivities: Secretin (human) 100%</p>
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Secretin (porcine) 140%
 Neuromedin N 0.001%
 Neuromedin U-25 <=0.001%
 VIP (porcine) <=0.001%
 Substance P <=0.001%
 Somatostatin <=0.001%

ELISA	The sensitivity of this antibody is approximately 500 pM.
Histology Positive Control Tissue	Jejunum
References	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. Korean J Anat. 35: 25-36
Storage	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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10040 available at: http://www.abdserotec.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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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