

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.bio-rad-antibodies.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	UniProt: P09683 Related reagents

Entrez Gene:[6343](#) [SCT](#) [Related reagents](#)

Specificity **Rabbit anti Human secretin antibody** recognizes human secretin a 26 amino acid peptide derived from a 103 amino acid halo-peptide with both N and C terminal pro-peptide sequences. 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%

ELISA The sensitivity of this antibody is approximately 500 pM.

Histology Positive Control Tissue Jejunum

References 1. Park, K.H. *et al.* (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 available at:
Material Safety Datasheet Documentation #10040 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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