

Datasheet: 8250-0004

Description:	RABBIT ANTI SEROTONIN
Specificity:	SEROTONIN
Other names:	5-HT, 5-HYDROXYTRYPTAMINE
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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 - Frozen	■			
Immunohistology - Paraffin			■	
Immunofluorescence	■			

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.

Target Species	Broad
Product Form	Serum - liquid
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Synthetic Serotonin, conjugated to bovine Thyroglobulin.
Specificity	Rabbit anti Serotonin antibody recognizes serotonin and stains serotonin containing cells in human ileum and also stains primary and metastatic carcinoid tumours containing serotonin. Serotonin (also known as 5-hydroxytryptamine or 5-HT) is a biochemical messenger and neurotransmitter synthesized from L-tryptophan. Serotonin has a range of functions, including regulation of gastric motility, and may be related to some psychiatric disorders including schizophrenia and depression.
Histology Positive Control Tissue	Human ileum
References	1. Watts, S.W. <i>et al.</i> (2009) Serotonylation of vascular proteins important to contraction. PLoS One. 4:e5682.

2. Abdala-Valencia, H. *et al.* (2012) Inhibition of allergic inflammation by supplementation with 5-hydroxytryptophan. [Am J Physiol Lung Cell Mol Physiol. 303: L642-60.](#)
3. Soveg, F. *et al.* (2015) Regulation of allergic lung inflammation by endothelial cell transglutaminase 2. [Am J Physiol Lung Cell Mol Physiol. 309 \(6\): L573-83.](#)

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.
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
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Regulatory	For research purposes only
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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](#)

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