

Datasheet: 8250-0004

BATCH NUMBER 1801

| | |
|----------------------|---------------------------|
| 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. |
| RRID | AB_2233447 |

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. *et al.* (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.](#)
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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.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10081 available at:
<https://www.bio-rad-antibodies.com/SDS/8250-0004>
10081

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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