

Datasheet: 8250-3510

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|----------------------|---|
| Description: | MOUSE ANTI RAT SEROTONIN TRANSPORTER (N-TERMINAL) |
| Specificity: | SEROTONIN TRANSPORTER (N-TERMINAL) |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | 2D7/3 |
| Isotype: | IgG1 |
| Quantity: | 0.1 mg |

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 | ▪ | | | 0.5 µg/ml - 1.0 µg/ml |

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.

Not recommended for use in Western blotting.

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|---------------------------------|---|
| Target Species | Rat |
| Species Cross Reactivity | <p>Reacts with: Mouse</p> <p>N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p> |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from ascites |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.1% Sodium Azide (NaN ₃) |

| | |
|---------------------------------------|---|
| Approx. Protein Concentrations | 1.0 mg/ml |
| Immunogen | Rat serotonin transporter, N-terminus/GST fusion protein (aa 1-85). |
| RRID | AB_2270532 |
| Specificity | Mouse anti Rat serotonin transporter antibody, clone 2D7/3 reacts with the serotonin transporter, also known as Sodium-dependent serotonin transporter, 5HT transporter or Solute carrier family 6 member 4. Serotonin transporter is a 630 amino acid ~70 kDa multiple pass endosomal membrane protein. Serotonin transporter is involved in the transport of serotonin molecules from the synaptic cleft back into the pre-synaptic terminal for re-utilization and in regulating availability of serotonin to receptors of the serotonergic system. |
| Storage | This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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|---|---|
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA1209\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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