

Avidin/Biotin Blocking System (Previously Covance catalog# SIG-31126)

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| Catalog# / Size | 927301 / 2 x 15 ml |
| Regulatory Status | RUO |
| Other Names | Avidin/Biotin Blocking Kit |
| Previously | Covance Catalog# SIG-31126 |

Kit Contents

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| Kit Contents | <ul style="list-style-type: none">• Avidin Solution, 15 mL• Biotin Solution, 15 mL <p>Both reagents are provided ready-to-use and need no dilution</p> |
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Product Details

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| Formulation | Blocking Kit. The Avidin and Biotin Solutions contain 0.1% sodium azide. |
| Storage & Handling | Store between 2°C and 8°C. |
| Application | IHC, WB |
| Recommended Usage | The optimal working dilution should be determined for each specific assay condition. Blocking Procedure: For paraffin-embedded tissues: To be performed after the antigen retrieval and serum block but before primary antibody incubation. <ol style="list-style-type: none">1. Incubate the Avidin Solution for 10-15 minutes at room temperature.2. Incubate with the Biotin Solution for 10-15 minutes at room temperature. |
| Application Notes | BioLegend's Avidin/Biotin Blocking System is intended for use in immunohistochemistry and immunoblotting procedures. The purpose is to decrease the signal caused by endogenous avidin, biotin, or biotin-binding proteins when immunostaining specimens with detection systems that rely on avidin-biotin or streptavidin-biotin chemistry. Nonspecific staining due to these factors commonly resembles a diffuse, weak, cytoplasmic pattern. |

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| Product Citations | <ol style="list-style-type: none">1. Mooney JP, <i>et al.</i> 2022. Wellcome Open Res. 7:134. PubMed2. Klarquist J, <i>et al.</i> 2021. Cell Rep. 36:109591. PubMed3. Ferrian S, <i>et al.</i> 2021. Cell Rep Med. 2:100419. PubMed4. Risom T, <i>et al.</i> 2022. Cell. 185:299. PubMed5. Scur M, <i>et al.</i> 2022. Nat Commun. 13:7272. PubMed6. Canedo EC, <i>et al.</i> 2021. JCI Insight. 6:. PubMed7. Elhanani O, <i>et al.</i> 2021. Methods Mol Biol. 2386:147. PubMed |
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Antigen Details

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| Gene ID | NA |
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