

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

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

Kit Contents

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

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.

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

Gene ID	NA
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