

# Product Datasheet

## BLACK HRP Staining Kit (Colorimetric) NBP3-12183

Unit Size: 30 ml

Store at 4C.

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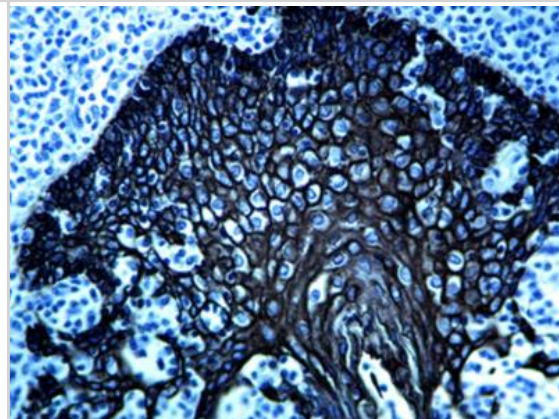


**NBP3-12183****BLACK HRP Staining Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	30 ml
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C.
<b>Product Description</b>	
<b>Kit Components</b>	BLACK HRP Substrate Buffer 30 mL, BLACK HRP Chromogen 1 mL, Empty Mixing Bottle 1 mL
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
<b>Application Notes</b>	<p>Prepare the Following Solutions Before Use</p> <ol style="list-style-type: none"> <li>1. Aliquot 1mL of BLACK HRP Substrate Buffer in a mixing bottle</li> <li>2. Add one drop (~20ul) of concentrated BLACK HRP Chromogen solution.</li> <li>3. Replace tip, mix, and allow solution to reach room temperature before using.</li> <li>4. Working solution is stable for up to 1 day, for optimal results prepare fresh reagent.</li> </ol> <p>Note: The BLACK HRP chromogen-substrate working solution is light sensitive and should be kept away from light as much as possible. Working solution is stable for up to 1 day, for optimal results prepare fresh reagent.</p> <p>Staining Procedure</p> <ol style="list-style-type: none"> <li>1. Once sections have been incubated with peroxidase, wash sections with wash buffer then follow protocol of choice: <ol style="list-style-type: none"> <li>a. Pre-Mix Working Solution: (Automation) BLACK HRP has a working solution stability of at least 1 day and can be loaded directly onto instrument as a single solution. Reduce exposure to light to achieve optimal staining. Working solution is applied directly to slide. Incubate for 5-10 minutes.</li> <li>b. On Board Mixing: (Automation) Instruments that have onboard mixing capability can load the chromogen and substrate-buffer components independently. Working solution is made mixing reagents 1:50 in on-board mixing station before application to slide. Incubate for 5-10 minutes.</li> <li>c. Manual Use Mix substrate-chromogen and buffer in a 1:50 ratio and apply directly to slide. Incubate for 5-10 minutes.</li> </ol> </li> <li>2. Counterstain with Hematoxylin or other counterstain.</li> <li>3. Wash with DI water followed by immuno wash buffer.</li> <li>4. Slides can be dehydrated through alcohol and xylene or xylene substitute or can be air dried, then permanently mounted.</li> </ol> <p>Recommendation: For best color preservation and long term slide storage, we recommend to use Tissue Preservation Solution - HRP/AP assays after counterstaining.</p>

## Images

Immunohistochemistry-Paraffin: BLACK HRP Staining Kit (Colorimetric) [NBP3-12183] - Formalin fixed paraffin embedded human adenocarcinoma stained with Cytokeratin H.M.W antibody labelled with BLACK HRP. (NBP3-12183)





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