EXPOSE Rabbit specific HRP/DAB detection IHC Kit
ab80437

Overview
Product name: EXPOSE Rabbit specific HRP/DAB detection IHC Kit
Detection method: Colorimetric
Assay type: Micro-Polymer
Product overview: The reagents in this kit constitute a biotin-free immunoenzymatic antigen detection system. This technique involves the sequential incubation of the specimen with an unconjugated primary antibody specific to the target antigen, a rabbit specific HRP conjugate which reacts with the primary antibody, and substrate-chromogen (DAB).

Notes: DAB is a suspected carcinogen. Handle with care. Contains hydrogen peroxide.

Tested applications: Suitable for: IHC-P

Properties

Storage instructions: Store at +4°C. Please refer to protocols.

Components

<table>
<thead>
<tr>
<th>Components</th>
<th>15 ml</th>
<th>60 ml</th>
<th>125 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>50x DAB Chromogen</td>
<td>1 x 1ml</td>
<td>1 x 2ml</td>
<td>1 x 4ml</td>
</tr>
<tr>
<td>DAB substrate</td>
<td>1 x 15ml</td>
<td>1 x 60ml</td>
<td>1 x 125ml</td>
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<tr>
<td>Goat anti-rabbit HRP Conjugate</td>
<td>1 x 15ml</td>
<td>1 x 60ml</td>
<td>1 x 125ml</td>
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<tr>
<td>Hydrogen Peroxide Block</td>
<td>1 x 15ml</td>
<td>1 x 60ml</td>
<td>1 x 125ml</td>
</tr>
<tr>
<td>Protein block</td>
<td>1 x 15ml</td>
<td>1 x 60ml</td>
<td>1 x 125ml</td>
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Relevance: HRP/DAB detection kit is a immunoenzymatic antigen detection system for immunohistochemistry techniques.
Our **Abpromise guarantee** covers the use of **ab80437** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>IHC-P</td>
<td></td>
<td>Use at an assay dependent dilution.</td>
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**Images**

Immunohistochemical analysis of mouse lung tissue labeling Ki67 detected with ab80437.
Tissue sections were embedded in paraffin and were counterstained with hematoxylin.
Immunochemistry (frozen) analysis of MC38 tumor sections labeling CD3 with ab16669 at 1/400 dilution. Sections were fixed with acetone, treated with peroxidase block to quench endogenous peroxidase, and then further blocked with a 10% goat serum and 5% BSA solution. CD3 positive T cells were detected using ab80437. Invasive margin (top) shows sections derived from the periphery of the tumor and interior (bottom) shows sections from within the tumor.

ab18723 staining 6 week rat brain tissue subventricular zone (SVZ) by IHC-P using rabbit-specific EXPOSE IHC detection kit (ab80437). Formalin fixed paraffin embedded tissue sections were pre-treated using heat mediated antigen retrieval (using a pressure cooker) with sodium citrate buffer (pH6) for 30 mins. The section was incubated with ab18723, 0.1µg/ml, for 1 hour at room temperature. DAB was used as the chromogen and the section was counterstained with haematoxylin and mounted with DPX.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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