Product Datasheet

Patched 1/PTCH Antibody (OTI5C7)

NBP1-47945

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-47945
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**Product Information**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Size</td>
<td>0.1 ml</td>
</tr>
<tr>
<td>Concentration</td>
<td>Please see the vial label for concentration. If unlisted please contact technical services.</td>
</tr>
<tr>
<td>Storage</td>
<td>Store at -20C. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td>Clonality</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>Clone</td>
<td>OTI5C7</td>
</tr>
<tr>
<td>Preservative</td>
<td>0.02% Sodium Azide</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG2b</td>
</tr>
<tr>
<td>Purity</td>
<td>Immunogen affinity purified</td>
</tr>
<tr>
<td>Buffer</td>
<td>PBS (pH 7.3), 1.0% BSA and 50% Glycerol</td>
</tr>
<tr>
<td>Target Molecular Weight</td>
<td>160.4 kDa</td>
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</tbody>
</table>

**Product Description**

- **Host**: Mouse
- **Gene ID**: 5727
- **Gene Symbol**: PTCH1
- **Species**: Human, Monkey
- **Specificity/Sensitivity**: This antibody is specific for Homo sapiens patched homolog 1 (Drosophila) (PTCH1), transcript variant 1b.
- **Immunogen**: Recombinant protein fragment corresponding to amino acids 122-436 of human Patched 1/PTCH (NP_000255) produced in E.coli.

**Product Application Details**

- **Applications**: Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
- **Recommended Dilutions**: Western Blot 1:500, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

**Images**

Western Blot: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Patched 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Patched 1.
Immunocytochemistry/Immunofluorescence: Patched 1/PTCH Antibody (OTI5c7) [NBP1-47945] - Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Patched 1.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Human endometrium tissue.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Patched 1 mouse monoclonal antibody.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Patched 1 mouse monoclonal antibody.
Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Patched 1 mouse monoclonal antibody.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-Patched 1 mouse monoclonal antibody.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-Patched 1 mouse monoclonal antibody.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-Patched 1 mouse monoclonal antibody.
Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Patched 1 Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Patched 1 mouse monoclonal antibody.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Human Kidney tissue using anti-Patched 1 mouse monoclonal antibody.

Immunohistochemistry-Paraffin: Patched 1/PTCH Antibody (5c7) [NBP1-47945] - Staining of paraffin-embedded Human pancreas tissue using anti-Patched 1 mouse monoclonal antibody.

Publications


Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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