Peripheral Myelin Protein (PMP-22)

Instructions For Use

**Specification:**
PMP-22 (Peripheral Myelin Protein) is a glycoprotein expressed in the compact myelin of the peripheral nervous system. In the peripheral nervous system, PMP-22 is produced by myelinating Schwann cells and is co-expressed with the genes for myelin basic protein (MBP) and protein P0 during nerve development and regeneration. Alterations in the level of this protein cause several genetic human diseases. If the protein is duplicated, patients develop Charcot-Marie-Tooth disease. If one copy of the gene is deleted, they suffer from the inherited tendency to pressure palsies

**Availability:**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Contents</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILP 7003 C1</td>
<td>PMP-22</td>
<td>1.0 ml</td>
</tr>
<tr>
<td>ILP 7003 C05</td>
<td>PMP-22</td>
<td>0.5 ml</td>
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<tr>
<td>ILP 7003 C01</td>
<td>PMP-22</td>
<td>0.1 ml</td>
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</tbody>
</table>

**Intended use:** For In Vitro Diagnostic Use (IVD)

**Reactivity:** Human

**Clone:** -

**Species of origin:** Rabbit

**Isotype:** IgG

**Control Tissue:** Pancreas

**Staining:** Cytoplasmic

**Immunogen:** Synthetic peptide from near C-terminus of human PMP-22

**Presentation** Immunogen affinity purified rabbit polyclonal antibody in PBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide

**Application and suggested dilutions:**
Pretreatment: Heat induced epitope retrieval in 10 mM Citrate buffer, pH 6.0 for 10 min is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunoistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:50)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody based detection is recommended

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

**Reference:**