

## IHCAb™ Podoplanin (BGT360) Mouse mAb

Cat #: B-IMW6994

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

### Background

This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.

### Product Information

**Applications/Dilution:** IHC-p 1:200-400, WB 1:200-1000

**Isotype/Source:** Monoclonal Mouse IgG2b, kappa

**Specificity:** The antibody can specifically recognize human Podoplanin protein. In western blotting of U2O2 cell lysate, the antibody can label a 36 kDa band corresponding to Podoplanin

**Subcellular Location:** Cytoplasmic

**Expression:** Tonsil/ Appendix

**Formulation:** PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein

**Storage:** Store at -15°C to -25°C

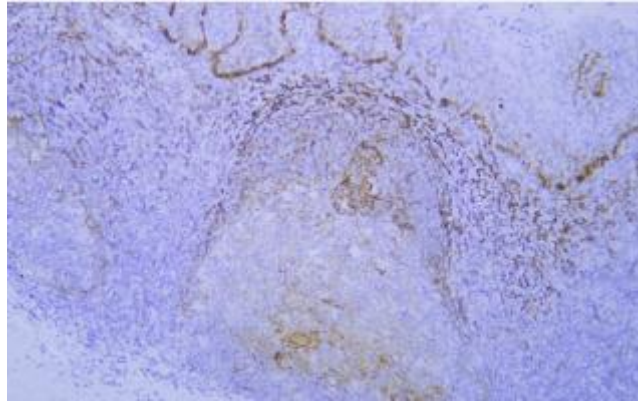


Fig.1. Human tonsil tissue was stained with Podoplanin Antibody

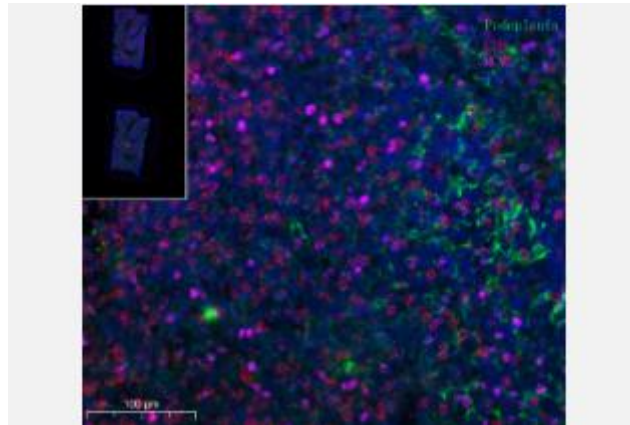


Fig.2. Fluorescence multiplex immunohistochemical analysis of Human tonsil tissue (formalin-fixed paraffin-embedded section). Merged staining of Anti-Podoplanin, Anti-CD8, Anti-MCM2. The section was incubated in 3 rounds of staining; sequentially for Anti-Podoplanin, Anti-CD8, Anti-MCM2.; each using a separate fluorescent tyramide signal amplification system.

**Note:**

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.