NEUROMICS

Podoplanin

Data Sheet

Catalog Number:	MO47016	**Host:**	Mouse
Product Type:	Mouse Monoclonal IgG	**Species Reactivity:**	Human
Immunogen Sequence:	Recombinant Human Podoplanin	**Format:**	Liquid with PBS buffer, pH 7.4 with 0.02% Sodium Azide

Applications:

Immunohistochemistry: 1:1,000-3,000

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.
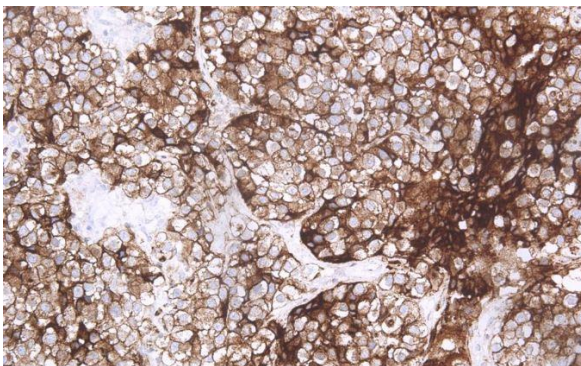
Application Notes
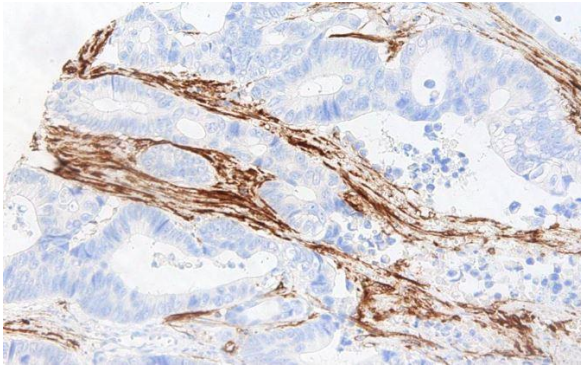
Description/Data:
Podoplanin Antibody sensitively detects for the presence or absence of podoplanin. Podoplanin is a transmembrane mucoprotein specifically expressed in the endothelium of lymphatic capillaries, but is not present in blood vasculature, and is co-localized with VEGFR3/FLT4 in normal skin and kidney tissues. It can be used to detect lymphangioma, Kaposi's sarcoma, epithelioid mesothelioma, hemangioblastoma, seminoma, and/or angiosarcoma which may have undergone lymphatic differentiation.

Image: **Top:** Immunohistochemistry staining of MO47016 on human colon tissue. **Bottom:** Immunohistochemistry staining of MO47016 on human ovary tissue.

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