

Anti-human podoplanin NZ-1 Antibody

Overview

Catalog #	11-009
Unit Size	100ug
Applications	W, IHC (F/P), IF, FC
Host	rat
Price	\$280.00

Description:

Podoplanin is a well-recognized lymphatic endothelium marker, which can be used to reliably distinguish lymphatic vessels from blood vessels. This rat monoclonal antibody (IgG2a) against human podoplanin works well for immunohistochemistry with **formalin-fixed paraffin embedded sections**.

Therefore, it will be a useful tool to study lymphatic vessel density in and around human tumors. This antibody also can be used in FACS sorting.

Host Species: Rat

Buffer: PBS contains 0.09% NaN₃

Formulation: Purified rat IgG2a

Stability: The antibody is stable at 4°C for >six months or can be stored in working aliquots at -20°C for more than a year.

Cross-Reactivity: The antibody does not cross-react with mouse podoplanin. Other species not tested.

Specificity: The monoclonal antibody will detect human podoplanin on the surface of lymphatic endothelial cells and kidney podocytes by immunostaining or immunohistochemistry. It works well with paraffin sections. The antibody also works in Western blotting, immunoprecipitation and FACS sorting.

Immunostaining/Immunohistochemistry: Use 1:200 dilution

Western blotting: Use 1:200 dilution or more

Immunoprecipitation: For IP use 1:50 dilution

FACS: Use 1:200 dilution

Usage: This antibody is offered for research use only. **Not for human use!**