

Podoplanin Anti-Human Rabbit IgG Affinity Purify

Polyclonal Antibody

Cat.NO.: PA01401

3th Edition

Description: Podoplanin belongs to a type-I transmembrane protein which is a sialoglycoprotein with some O-glycosylation sites. It is known as a lymphatic endothelium-specific marker and believed to have a platelet-aggregating activity and to promote hematogenous metastasis of cancer cells. Podoplanin is thought to be expressed on the shape alteration of squamous cells and to relate to transition of cytoskeletal actin structure. Also, its activity which decreases the adhesion ability of cells and promotes their metastasis has drawn researchers' attention. Additionally, podoplanin is reported to be expressed in human tumors such as brain tumor, oral cavity cancer, head and neck cancer, esophageal cancer, lung cancer, testicular tumor, cervical cancer and malignant mesothelioma.

Antigen: Synthetic peptide of the part of Human Podoplanin

Form: Lyophilized product from 1% BSA in PBS containing 0.05% NaN₃

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: