Best Tools for immunology Research

Podoplanin (ABT513) IHC kit

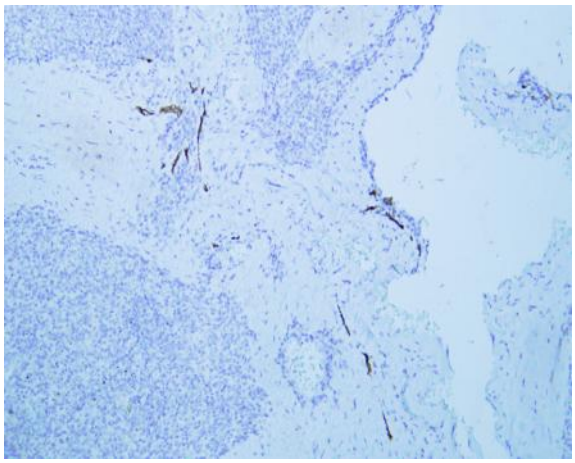
Catalog No :	IHCM6109
Reactivity :	Human;
Applications :	IHC
Target :	Podoplanin
Gene Name :	PDPN GP36 PSEC0003 PSEC0025
Protein Name :	Aggrus Glycoprotein 36 Gp36 PA2.26 antigen T1-alpha T1A
Human Swiss Prot No :	Q86YL7
Mouse Swiss Prot No :	Q62011
Rat Swiss Prot No :	Q64294
Immunogen :	Synthesized peptide derived from human Podoplanin AA range: 23-100
Specificity :	The antibody can specifically recognize human Podoplanin protein.
Source :	Mouse, Monoclonal/IgG1, kappa
Purification :	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
Storage Stability :	2°C to 8°C/1 year
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. [provided by RefSeq, Jul 2008],
Function :	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:May be

involved in cell migration and/or actin cytoskeleton organization. When expressed in keratinocytes, induces changes in cell morphology with transfected cells showing an elongated shape, numerous membrane protrusions, major reorganization of the actin cytoskeleton, increased motility and decreased cell adhesion. Required for normal lung cell proliferation and alveolus formation at birth. Induces platelet aggregation. Does not have any effect on folic acid or amino acid transport. Does not function as a water channel or as a regulator of aquaporin-type water channels.,PTM:Extensively O-glycosylated. Contains sialic acid residues. O-glycosylation is necessary for platelet aggregation activity.,PTM:The N-terminus is blocked.,similarity:Belongs t

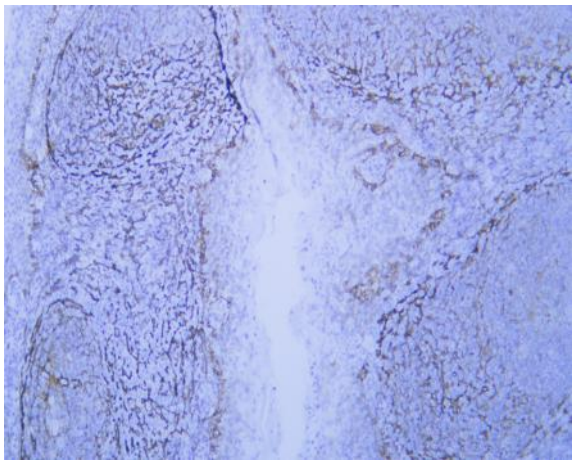
Subcellular Location : Cytoplasmic

Expression : Tonsil/ Appendix

Products Images



Human spleen tissue was stained with Podoplanin (ABT513) Antibody



Human tonsil tissue was stained with Podoplanin (ABT513) Antibody