

Podoplanin (1I17) Rabbit Monoclonal Antibody

Catalog# UZ-MA03763

Product information

产品货号	UZ-MA03763
别名	Aggrus; Glycoprotein 36 KD; GP36; GP38; GP40; HT1A1; hT1alpha1; hT1alpha2; OTS8; PA2.26; Pdpn; Podoplanin; T1 alpha; T1A 2; TI1A;
产品名称	Podoplanin (1I17) Rabbit Monoclonal Antibody
纯度	Affinity-chromatography
类别	抗体产品
基因名称	PDPN {ECO:0000312 EMBL:AAH14668.2}
推荐应用	WB,IHC-P
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Human Gene ID	10630
Human Swissprot No.	Q86YL7
免疫原	A synthetic peptide of human Podoplanin
稀释度	WB 1:1000-1:5000, IHC-P/IF-P 1:200-1:500
参考分子量	36kDa
预测分子量	17kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
注意事项	Podoplanin Antibody is for research use only and not for use in diagnostic or the rapeutic procedures.
细胞定位	[Podoplanin]: Membrane; Single-pass type I membrane protein {ECO:0000250 UniProtKB:Q62011}. Cell projection, lamellipodium membrane; Single-pass type I membrane protein {ECO:0000250 UniProtKB:Q62011}. Cell projection, filopodium membrane; Single-pass type I membrane protein {ECO:0000250 UniProtKB:Q62011}. Cell projection, microvillus membrane; Single-pass type I membrane protein {ECO:0000250 UniProtKB:Q62011}. Cell projection, ruffle membrane; Single-pass type I membrane protein {ECO:0000250 UniProtKB:Q62011}. Membrane raft. Apical cell membrane. Basolateral cell membrane. Cell projection, invadopodium. Note=Localized to actin-rich microvilli and plasma membrane projections such as filopodia, lamellipodia and ruffles (By similarity). Association to the lipid rafts is required for PDPN-induced epithelial to mesenchymal transition (EMT) (PubMed:21376833). Colocalizes with CD9 in tetraspanin microdomains (PubMed:18541721). Localized at invadopodium adhesion rings in tumor cell. Association to the lipid rafts is essential for PDPN recruitment to invadopodia and ECM degradation (PubMed:25486435) {ECO:0000250 UniProtKB:Q62011, ECO:0000269 PubMed:18541721, ECO:0000269 PubMed:21376833, ECO:0000269 PubMed:25486435}
Clonality	Monoclonal