

产品名称: CD151 Rabbit Polyclonal Antibody
产品货号: APRab08219



产品概述 (Summary)

产品名称 (Production Name)	CD151 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD151 TSPAN24
别名 (Alternative Names)	CD151 antigen (GP27; Membrane glycoprotein SFA-1; Platelet-endothelial tetraspan antigen 3; PETA-3; Tetraspanin-24; Tspan-24; CD antigen CD151)
基因 ID (Gene ID)	977.0
蛋白 ID (SwissProt ID)	P48509. Synthetic peptide from human protein at AA range: 91-140

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

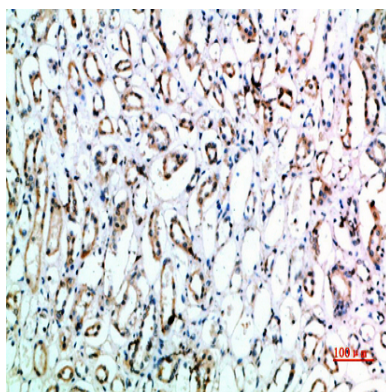
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The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq, Jul 2008],disease:Defects in CD151 are the cause of nephropathy with pretibial epidermolysis bullosa and deafness (NPEBD) [MIM:609057]. NPEBD is characterized by the association of hereditary nephritis, epidermolysis bullosa, deafness, and beta-thalassemia minor.,function:Essential for the proper assembly of the glomerular and tubular basement membranes in kidney.,induction:By HTLV-1.,online information:Blood group antigen gene mutation database,polymorphism:CD151 defines the MER2=RAPH1 antigen of the RAPH blood group system. 92% of Caucasians are MER2-positive and 8% are apparently MER2-negative.,similarity:Belongs to the tetraspanin (TM4SF) family.,subunit:Interacts with integrins alpha3beta1, alpha5beta1, alpha3beta1 and alpha6beta4, with CD9 and CD181.,tissue specificity:Expressed in a variety of tissues including vascular endothelium and epidermis. Expressed on erythroid cells, with a higher level of expression in erythroid precursors than on mature erythrocytes.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

注意事项 (Note)

For research use only .