

CD151 抗体

产品货号： mIR22290

英文名称： CD151

中文名称： CD151 抗体

别 名： CD151 antigen; CD151 molecule; GP27; Membrane glycoprotein SFA1; MER2; PETA3; Platelet endothelial tetraspan antigen 3; RAPH; SFA 1; SFA1; Tetraspanin24; TSPAN24; CD151_HUMAN; Platelet-endothelial tetraspan antigen 3; PETA-3; Tetraspanin-24; Tspan-24; CD151.

研究领域： 肿瘤 免疫学 细胞膜受体 细胞粘附分子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： IHC-P=1:400-800 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 28kDa

细胞定位： 细胞膜

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human CD151:111-210/253 <Extracellular>

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： 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].

Function:

Essential for the proper assembly of the glomerular and tubular basement membranes in kidney.

Subunit:

Interacts with integrins alpha3beta1, alpha5beta1, alpha3beta1 and alpha6beta4, with CD9 and CD181.

Subcellular Location:

Membrane; Multi-pass membrane protein.

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.

DISEASE:

Nephropathy with pretibial epidermolysis bullosa and deafness (NPEBD) [MIM:609057]: A disorder characterized by the association of hereditary nephritis, epidermolysis bullosa, deafness, and beta-thalassemia minor. Note=The disease is caused by mutations affecting the gene represented in this entry.

Similarity:

Belongs to the tetraspanin (TM4SF) family.

SWISS:

P48509

Gene ID:

977

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

CD151 蛋白是四跨膜超家族蛋白(transmembrane-4 superfamily, TM4SF)成员，参与调节细胞的形态和极性、促进细胞黏附和迁移，并在体外血管形成中发挥着重要作用，该蛋白与血管新生有关。

产品图片

