

产品名称: CD9 Rabbit Polyclonal Antibody
产品货号: AP Rab08483



产品概述 (Summary)

产品名称 (Production Name)	CD9 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	CD9 CD9; MIC3; TSPAN29; GIG2; CD9 antigen; 5H9 antigen; Cell growth-inhibiting
别名 (Alternative Names)	gene 2 protein; Leukocyte antigen MIC3; Motility-related protein; MRP-1; Tetraspanin-29; Tspan-29; p24; CD antigen CD9
基因 ID (Gene ID)	928.0
蛋白 ID (SwissProt ID)	P21926.The antiserum was produced against synthesized peptide derived from human CD9. AA range:101-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:100-1:300,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	25kDa

产品名称: CD9 Rabbit Polyclonal Antibody
产品货号: APRab08483

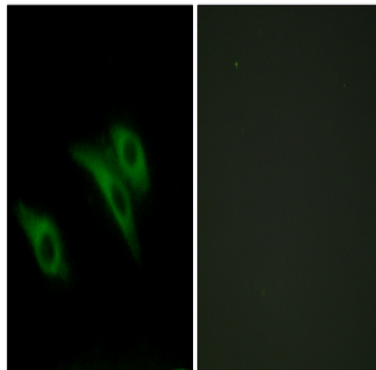
研究背景 (Background)

This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis. [provided by RefSeq, Jan 2011],function:Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.,PTM:Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.,similarity:Belongs to the tetraspanin (TM4SF) family.,subunit:Forms both disulfide-linked homodimers and higher homooligomers as well as heterooligomers with other members of the tetraspanin family. Associates with CR2/CD21 and with PTGFRN/CD9P1. Interacts directly with IGSF8.,tissue specificity:Expressed by a variety of hematopoietic and epithelial cells.,

研究领域 (Research Area)

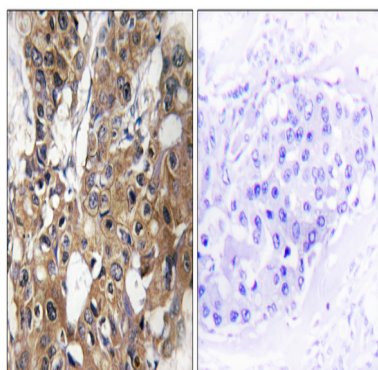
Hematopoietic cell lineage;

图片 (Image Data)

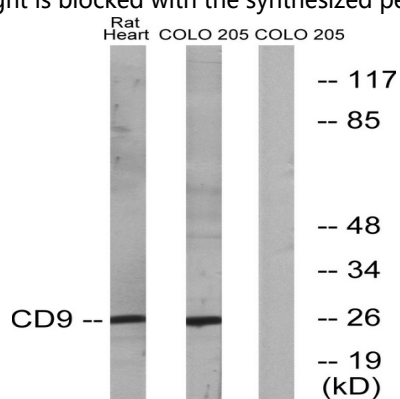


Immunofluorescence analysis of HeLa cells, using CD9 Antibody. The picture on the right is blocked with the synthesized peptide.

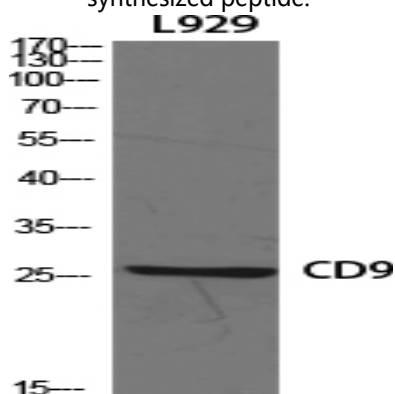
产品名称: CD9 Rabbit Polyclonal Antibody
产品货号: APRab08483



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using CD9 Antibody. The picture on the right is blocked with the synthesized peptide.

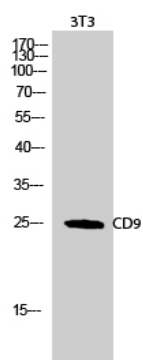


Western blot analysis of lysates from rat heart and COLO cells, using CD9 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CD9 Polyclonal Antibody diluted at 1: 1000

产品名称: CD9 Rabbit Polyclonal Antibody
产品货号: APRab08483



Western Blot analysis of 3T3 cells using CD9 Polyclonal Antibody diluted at 1 : 1000

注意事项 (Note)

For research use only .