

产品名称: CD166 Rabbit Polyclonal Antibody
产品货号: APRab08245



产品概述 (Summary)

产品名称 (Production Name)	CD166 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	ALCAM
别名 (Alternative Names)	ALCAM; MEMD; CD166 antigen; Activated leukocyte cell adhesion molecule; CD166
基因 ID (Gene ID)	214.0
蛋白 ID (SwissProt ID)	Q13740.The antiserum was produced against synthesized peptide derived from the C-terminal region of human ALCAM. AA range:481-530

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	65kDa

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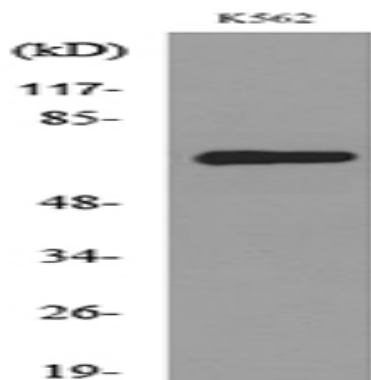
研究背景 (Background)

This gene encodes activated leukocyte cell adhesion molecule (ALCAM), also known as CD166 (cluster of differentiation 166), which is a member of a subfamily of immunoglobulin receptors with five immunoglobulin-like domains (VVC2C2C2) in the extracellular domain. This protein binds to T-cell differentiation antigene CD6, and is implicated in the processes of cell adhesion and migration. Multiple alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, Aug 2011],domain:The CD6 binding site is located in the N-terminal Ig-like domain.,function:Cell adhesion molecule that binds to CD6. Involved in neurite extension by neurons via heterophilic and homophilic interactions. May play a role in the binding of T- and B-cells to activated leukocytes, as well as in interactions between cells of the nervous system.,similarity:Contains 2 Ig-like V-type (immunoglobulin-like) domains.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Spleen, placenta, liver, and weakly in liver. Expressed by activated T-cells, B-cells, monocytes and thymic epithelial cells. Expressed by neurons in the brain. Restricted expression in tumor cell lines. Preferentially expressed in highly metastasizing melanoma cell lines.,

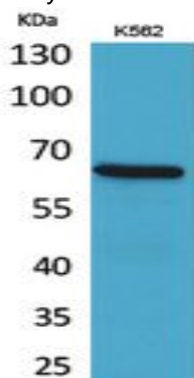
研究领域 (Research Area)

Cell adhesion molecules (CAMs);

图片 (Image Data)

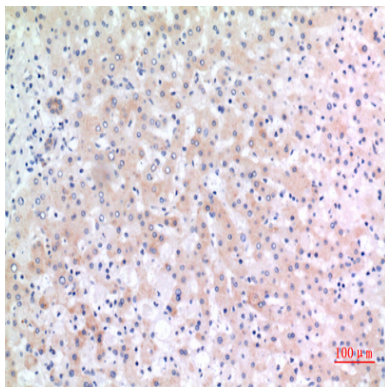


Western blot analysis of lysate from K562 cells, using ALCAM Antibody.

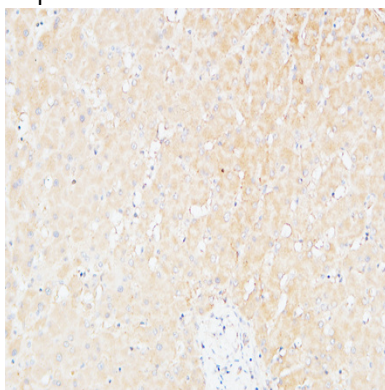


Western Blot analysis of K562 cells using CD166 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

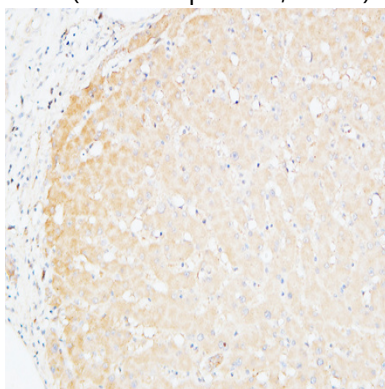
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Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100

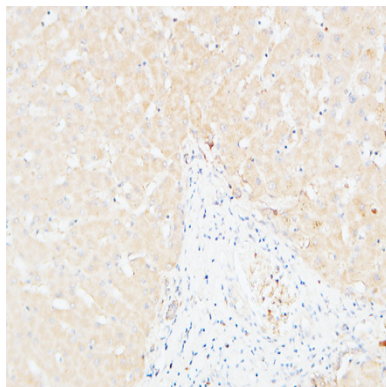


Immunohistochemical analysis of paraffin-embedded Human Liver. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

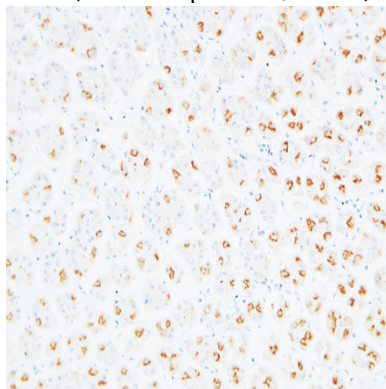


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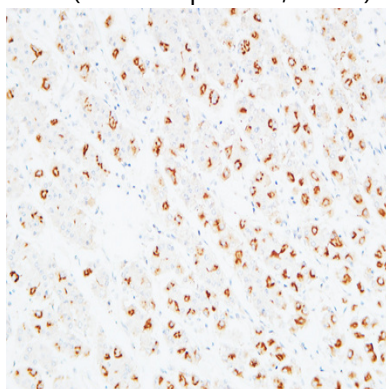
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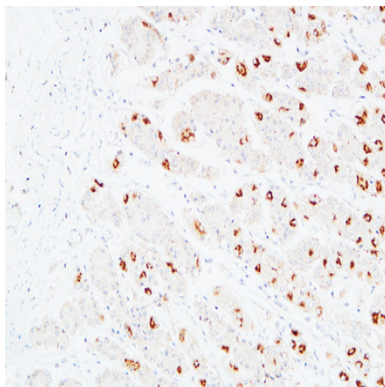


Immunohistochemical analysis of paraffin-embedded Human stomach. 1, Antibody was diluted at 1:100 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



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注意事项 (Note)

For research use only .