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CD13 Rabbit mAb

货号: AYM30762

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	109kDa
实测分子量	110kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	OVCAR3,Mouse kidney,Rat kidney
细胞定位	Cell membrane,Cytoplasm,Single-pass type II membrane protein,cytosol
纯化	Affinity purification

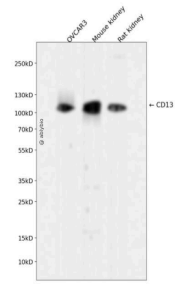
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human CD13.

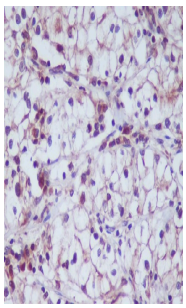
靶点信息

研究背景	Aminopeptidase N is located in the small-intestinal and renal microvillar membrane, and also in other pla sma membranes. In the small intestine aminopeptidase N plays a role in the final digestion of peptides g enerated from hydrolysis of proteins by gastric and pancreatic proteases. Its function in proximal tubular epithelial cells and other cell types is less clear. The large extracellular carboxyterminal domain contains a pentapeptide consensus sequence characteristic of members of the zinc-binding metalloproteinase sup erfamily. Sequence comparisons with known enzymes of this class showed that CD13 and aminopeptidas e N are identical. The latter enzyme was thought to be involved in the metabolism of regulatory peptides by diverse cell types, including small intestinal and renal tubular epithelial cells, macrophages, granulocy tes, and synaptic membranes from the CNS. Human aminopeptidase N is a receptor for one strain of hum an coronavirus that is an important cause of upper respiratory tract infections. Defects in this gene appea r to be a cause of various types of leukemia or lymphoma.
基因ID	290
基因名	ANPEP
Swiss	P15144 (https://www.uniprot.org/uniprotkb/P15144/entry)
别名	CD13,CD13 Rabbit mAb,ANPEP,Alanyl aminopeptidase,Aminopeptidase M,Microsomal aminopeptidase,My eloid plasma membrane glycoprotein CD13,gp150,APN,PEPN

产品验证



Western blot analysis of CD13 expressed in OVCAR3,Mouse kidney,Rat kidney using CD13 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human kidney, using CD13 Antibody.

实验步骤

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