

产品名称: CD13 (14U5) Rabbit Monoclonal Antibody
产品货号: AMRe08200



产品概述 (Summary)

产品名称 (Production Name)	CD13 (14U5) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP,IF-P
种属反应性 (Reactivity)	Human,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ANPEP PEPN; Aminopeptidase N; AP-N; hAPN; Alanyl aminopeptidase;
别名 (Alternative Names)	Aminopeptidase M; AP-M; Microsomal aminopeptidase; gp150; CD_antigen=CD13; ANPEP; APN; CD13;
基因 ID (Gene ID)	290.0
蛋白 ID (SwissProt ID)	P15144.A synthetic peptide of human CD13

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:20-1:100,ICC/IF 1:20-1:50,IP 1:20-1:50,IF-P 1:20-1:100
蛋白分子量 (Molecular Weight)	110kDa

产品名称: CD13 (14U5) Rabbit Monoclonal Antibody
产品货号: AMRe08200



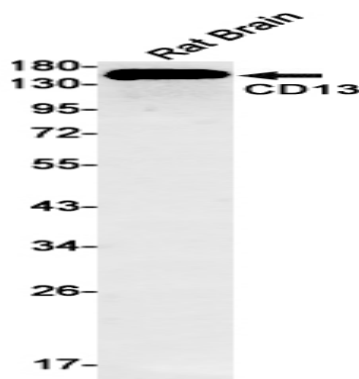
研究背景 (Background)

Aminopeptidase N (APN, CD13) is a widely expressed, membrane-bound proteolytic enzyme that breaks down peptides during digestion, cleaves cell surface antigens during antigen presentation, and acts as a receptor for human viruses, including several coronaviruses. Plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. Broad specificity aminopeptidase which plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. Also involved in the processing of various peptides including peptide hormones, such as angiotensin III and IV, neuropeptides, and chemokines. May also be involved the cleavage of peptides bound to major histocompatibility complex class II molecules of antigen presenting cells. May have a role in angiogenesis and promote cholesterol crystallization. May have a role in amino acid transport by acting as binding partner of amino acid transporter SLC6A19 and regulating its activity (By similarity).

研究领域 (Research Area)

Immunology; Cell Type Markers; CD; Myeloid Cells; Stem Cells; Mesenchymal Stem Cells; Surface Molecules; Microbiology; Organism; Virus; RNA Virus; ssRNA positive strand virus; SARS Coronavirus; Hematopoietic Progenitors; Lymphoid; B Lymphocytic Lineage; Myeloid; Dendritic Cell Lineage; Monocytic Lineage

图片 (Image Data)



Western blot detection of CD13 in Rat Brain cell using CD13 antibody(1:1000 diluted).

注意事项 (Note)

For research use only .