

产品名称: CD10 Mouse Monoclonal Antibody
产品货号: AMM82625



产品概述 (Summary)

产品名称 (Production Name)	CD10 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD10
别名 (Alternative Names)	MME; NEP; SFE; CALLA
基因 ID (Gene ID)	4311.0
蛋白 ID (SwissProt ID)	P08473.Purified recombinant fragment of human CD10 (AA: (651-750)) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	85kDa

研究背景 (Background)

This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis

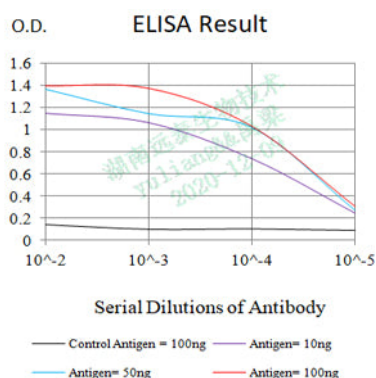
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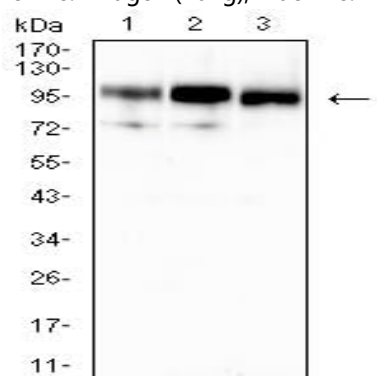
of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing.

研究领域 (Research Area)

图片 (Image Data)

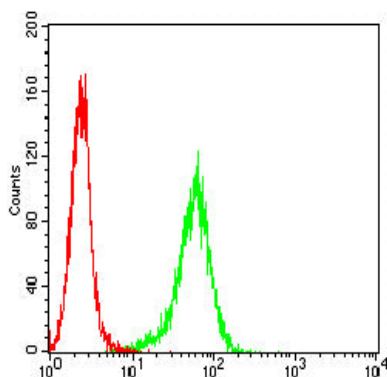


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

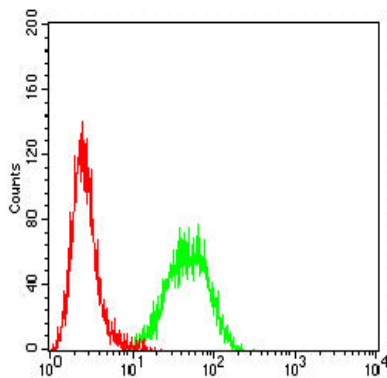


Western blot analysis using CD10 mouse mAb against Raji (1), Ramos (2), and LNCap (3) cell lysate.

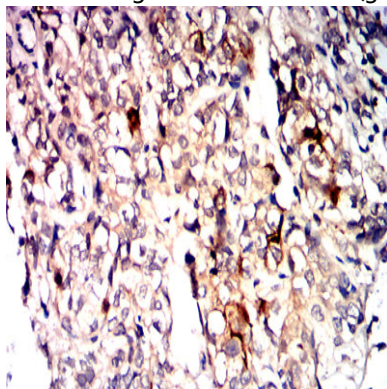
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Flow cytometric analysis of Hela cells using CD10 mouse mAb (green) and negative control (red).

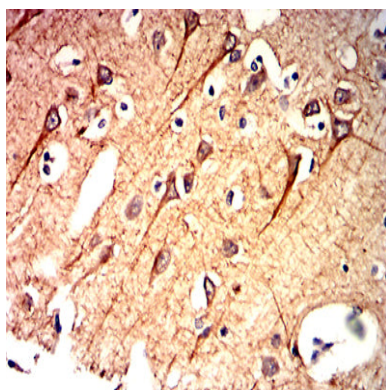


Flow cytometric analysis of THP-1 cells using CD10 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CD10 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human brain tissues using CD10 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .