

PE 标记小鼠抗人 CD10 单克隆抗体

产品货号： mlR30072

英文名称： human CD10-PE

中文名称： PE 标记小鼠抗人 CD10 单克隆抗体

别名： Atriopeptidase; CALLA; CD 10; CD10; Common acute lymphocytic leukemia antigen; DKFZp686O16152; EC 3.4.24.11; Enkephalinase; EPN; gp100; Membrane metallo endopeptidase; Membrane metalloendopeptidase; Membrane metalloendopeptidase neutral endopeptidase enkephalinase; Membrane metalloendopeptidase neutral endopeptidase enkephalinase CALLA CD10; Membrane metalloendopeptidase variant 1; Membrane metalloendopeptidase variant 2; MGC126681; MGC126707; MME; NEP; Neprilysin; Neutral endopeptidase 24.11; Neutral endopeptidase; NEP_HUMAN; Neprilysin; Skin fibroblast elastase; SFE.

研究领域： 肿瘤 细胞生物 免疫学 干细胞 细胞表面分子 细胞类型标志物 淋巴细胞 b-淋巴细胞

抗体来源： Mouse

克隆类型： Monoclonal

克隆号： HIT10a

交叉反应： Human,

产品应用： Flow-Cyt=20ul/Test

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 82kDa

细胞定位： 细胞膜

性 状： Liquid

免疫原： KLH conjugated synthetic peptide derived from human CD10-PE:

亚 型： IgG1

纯化方法： affinity purified by Protein G

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis 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.

Function:

Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond. Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9. Involved in the degradation of atrial natriuretic factor (ANF). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers.

Subcellular Location:

Cell membrane; Single-pass type II membrane protein.

Post-translational modifications:

Myristoylation is a determinant of membrane targeting.

Glycosylation at Asn-628 is necessary both for surface expression and neutral endopeptidase activity.

Similarity:

Belongs to the peptidase M13 family.

SWISS:

P08473

Gene ID:

4311

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

