


Product datasheet

Anti-CD13 antibody [WM15], prediluted (Phycoerythrin) ab69775

4 References

概述

产品名称	Anti-CD13抗体[WM15], prediluted (Phycoerythrin)
描述	小鼠单克隆抗体[WM15] to CD13, prediluted (Phycoerythrin)
宿主	Mouse
偶联物	Phycoerythrin. Ex: 488nm, Em: 575nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human 预测可用于: Non human primates 
免疫原	Human AML cells
常规说明	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions.

性能

形式	Prediluted
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 15mM Sodium Azide Constituents: 0.2% BSA, PBS
纯度	Size exclusion
克隆	单克隆
克隆编号	WM15
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab69775** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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应用	Ab评论	说明
Flow Cyt		Use 20µl for 10 ⁶ cells. or 100 µl of whole blood.

[ab91357](#) - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能

Broad specificity aminopeptidase. Plays a role in the final digestion of peptides generated from hydrolysis of proteins by gastric and pancreatic proteases. May play a critical role in the pathogenesis of cholesterol gallstone disease. May be involved in the metabolism of regulatory peptides of diverse cell types including small intestinal and tubular epithelial cells, macrophages, granulocytes and synaptic membranes from the CNS. Found to cleave antigen peptides bound to major histocompatibility complex class II molecules of presenting cells and to degrade neurotransmitters at synaptic junctions. Is also implicated as a regulator of IL-8 bioavailability in the endometrium, and therefore may contribute to the regulation of angiogenesis. Is used as a marker for acute myeloid leukemia and plays a role in tumor invasion. In case of human coronavirus 229E (HCoV-229E) infection, serves as receptor for HCoV-229E spike glycoprotein. Mediates as well human cytomegalovirus (HCMV) infection.

组织特异性

Expressed in epithelial cells of the kidney, intestine, and respiratory tract; granulocytes, monocytes, fibroblasts, endothelial cells, cerebral pericytes at the blood-brain barrier, synaptic membranes of cells in the CNS. Also expressed in endometrial stromal cells, but not in the endometrial glandular cells. Found in the vasculature of tissues that undergo angiogenesis and in malignant gliomas and lymph node metastases from multiple tumor types but not in blood vessels of normal tissues. A soluble form has been found in plasma. It is found to be elevated in plasma and effusions of cancer patients.

序列相似性

Belongs to the peptidase M1 family.

结构域

Amino acids 260-353 are essential to mediate susceptibility to infection with HCoV-229E (in porcine/human chimeric studies) and more specifically amino acids 288-295 (mutagenesis studies).

翻译后修饰

Sulfated.
N- and O-glycosylated.
May undergo proteolysis and give rise to a soluble form.

细胞定位

Cell membrane. Cytoplasm > cytosol. A soluble form has also been detected.

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