

Product datasheet

Anti-CD13 antibody [CC81] ab36439

製品の概要

製品名	Anti-CD13 antibody [CC81]
製品の詳細	Mouse monoclonal [CC81] to CD13
由来種	Mouse
特異性	Clone CC81 also defines a subpopulation of dendritic cells in afferent lymph that are CC81 Ag +ve and SIRPalpha -ve, which show differences in their capacities to stimulate T cells and cytokine synthesis compared to the CC81 Ag -ve SIRPalpha +ve dendritic cells.
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Cow
免疫原	Cells from cattle intestine.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.4
精製度	Protein G purified
特記事項 (精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	CC81
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab36439** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
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Flow Cyt

1/100 - 1/1000.

[ab170190](#) - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	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.
組織特異性	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.
配列類似性	Belongs to the peptidase M1 family.
ドメイン	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).
翻訳後修飾	Sulfated. N- and O-glycosylated. May undergo proteolysis and give rise to a soluble form.
細胞内局在	Cell membrane. Cytoplasm > cytosol. A soluble form has also been detected.

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