

Dual color: FITC + PE Anti-CD4 + CD8 antibody [EDU-2 + 733] ab1232

1 References

概述

产品名称	Dual color: FITC荧光+ PE Anti-CD4 + CD8抗体[EDU-2 + 733]
描述	Dual color: FITC荧光+ PE小鼠单克隆抗体[EDU-2 + 733] to CD4 + CD8
宿主	Mouse
偶联物	Dual color: FITC + PE
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus. Stimulated human leukocytes
常规说明	<p>This cocktail is mix of: CD4 = Clone:EDU-2, Isotype:IgG2a, Labeled with FITC and CD8 = Clone:733, Isotype:IgG1, Labeled with PE. This product contains sodium azide, which under acid conditions yields hydrazoic acid, a toxic compound. Azide compounds should be diluted with running water before being discarded to avoid deposits in lead or copper plumbing where explosive conditions may develop.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> <p>Please note that this antibody is an oligoclonal antibody. It is a cocktail of monoclonal antibodies that have been carefully selected. Oligoclonal antibodies have not only the specificity and batch-to-batch consistency of a monoclonal antibody, but also have the advantage of the sensitivity of a polyclonal antibody due to their ability to recognize multiple epitopes on an antigen.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.1% Sodium azide

	Constituent: 0.5% BSA
克隆	单克隆
克隆编号	EDU-2 + 733
骨髓瘤	unknown
轻链类型	unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab1232于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		

应用说明

Percentage count of T helper/inducer lymphocytes (CD4+) in human lysed whole peripheral blood or mononuclear cells separated by density gradient.
 Percentage count of T suppressor/cytotoxic lymphocytes (CD8+).
 Control autoimmune pathologies, immunodeficiencies and immunosuppressivetherapies.
 Studies of HIV (Human Immunodeficiency Virus) infection.

CD4(FITC) / CD8 (PE) immunofluorescence analysis can be performed on a flow cytometerequipped with an excitation source of 488nm and fitted with logarithmic amplifiers.

10µl ofCD4(FITC) / CD8 (PE) is sufficient for labelling 1×10^6 cells.

靶标

相关性

CD4 is a single chain transmembraneous glycoprotein (59 kDa) which belongs to the immunoglobulin superfamily. CD4 is present on a subset of T lymphocytes ("helper/inducer" T cells) and is also expressed at a lower level on monocytes, tissue macrophages and granulocytes. The antigen is involved in binding to MHC class II molecules. The intracellular domain of the antigen is associated with p56lck protein tyrosine kinase. The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell to cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains.

细胞定位

Membrane; single pass type I membrane protein.

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