

Anti-BAFF antibody [Buffy 2] (FITC) ab16082

[5 References](#) [2 图像](#)

概述

产品名称	Anti-BAFF抗体[Buffy 2] (FITC)
描述	大鼠单克隆抗体[Buffy 2] to BAFF (FITC)
宿主	Rat
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	适用于: IHC-P, Flow Cyt
种属反应性	与反应: Mouse, Human
免疫原	Recombinant soluble protein, corresponding to amino acids 83 - 285 of Human BAFF.
阳性对照	Ramos cells, HL60 AML cells
常规说明	1 test means: 1 µl of a 1 mg/ml stock solution were used to stain 200,000 cells in a sample volume of 50 µl. Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by July 2018 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Proprietary Purification
纯化说明	Purified from ascites. Purified by IgM purification HP column.
克隆	单克隆
克隆编号	Buffy 2
同种型	IgM

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab16082于以下的经测试应用

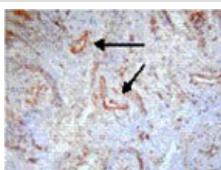
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/50. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol. Use streptavidin-biotin amplification (see recommended protocol).
Flow Cyt		Use a concentration of 1 µg/ml. ab35774 - Rat monoclonal IgM, is suitable for use as an isotype control with this antibody. Incubate cells on ice for 30 min in 50 µl FACS buffer (PBS, 5% Fetal calf serum, 0.02% azide) containing 1µg/ml of Buffy-2-FITC antibody (testing conditions for HEK 293T cells (5 x 10 ⁵) mock transfected or transfected with an expression plasmid enabling

靶标

功能	Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B-and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.
组织特异性	Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas.
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form derives from the membrane form by proteolytic processing. N-glycosylated.
细胞定位	Secreted and Cell membrane.

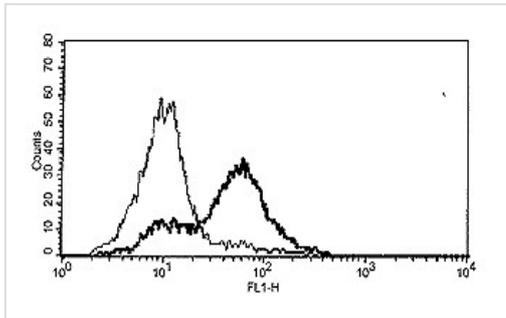
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAFF antibody [Buffy 2] (FITC) (ab16082)

Staining of paraffin section of synovial tissue from a patient with Rheumatoid Arthritis. Arrows indicate vessels staining positive for BAFF using ab16082.

Method: Tissues are in paraffin sections. Sections are de-waxed and rehydrated, then cooked. Sections are stained in wet boxes, rehydrated and finally prepared as coverslip slides using Eukitt solution.



Flow Cytometry - Anti-BAFF antibody [Buffy 2]
(FITC) (ab16082)

Ab16082 detects membrane-bound human BAFF by FACS.
Method: HEK 293T cells (5×10^5) were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of full length hBAFF (thick line). Cells were incubated on ice for 30min in 50 μ l FACS buffer (PBS, 5% fetal calf serum, 0.02% azide) containing 1 μ g/ml of ab16082. After washing, cells were analyzed by flow cytometry.

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