

Product datasheet

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

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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)
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 1mg/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 Constituents: PBS
纯度	>95% by SDS-PAGE
克隆	单克隆
克隆编号	Buffy 2
同种型	IgM

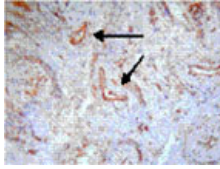
应用

Our [Abpromise guarantee](#) covers the use of **ab16082** 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
IHC-P		
Flow Cyt		
<b>应用说明</b>	<p>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).</p> <p>Flow Cyt: Use at a concentration of 1 µg/ml.</p> <p>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<sup>5</sup>) mock transfected or transfected with an expression plasmid enabling surface expression of full length hBAFF).</p> <p>Not tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>靶标</b>		
<b>功能</b>	<p>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.</p>	
<b>组织特异性</b>	<p>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.</p>	
<b>序列相似性</b>	<p>Belongs to the tumor necrosis factor family.</p>	
<b>翻译后修饰</b>	<p>The soluble form derives from the membrane form by proteolytic processing.</p> <p>N-glycosylated.</p>	
<b>细胞定位</b>	<p>Secreted and Cell membrane.</p>	

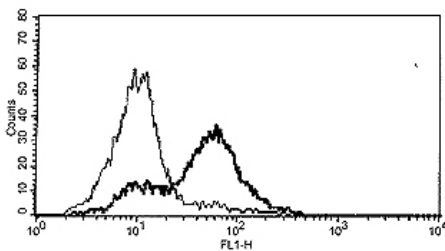
## 图片



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

Ab16082 detects membrane-bound human BAFF by FACS.

Method: HEK 293T cells ( $5 \times 10^5$ ) 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 $\mu$ l FACS buffer (PBS, 5% fetal calf serum, 0.02% azide) containing 1 $\mu$ g/ml of ab16082. After washing, cells were analyzed by flow cytometry.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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