abcam

Product datasheet

Anti-Human Kappa Chain antibody [TB-28] - BSA and Azide free ab235128

2 References 2 图像

概述

产品名称	**抗人Kappa Chain抗体**[TB-28] - BSA and Azide free
描述	**小鼠单克隆抗体**[TB-28] to人Kappa Chain - BSA and Azide free
宿主	Mouse
经测试应用	**适用于:** Flow Cyt, IHC-P
种属反应性	**与反应:** Human
免疫原	Full length protein corresponding to Human Human Kappa Chain. (Human IgA, kappa).
阳性对照	Flow cyt: Human peripheral blood mononuclear cells. IHC-P: Human tonsil tissue.
常规说明	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. 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. 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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Do Not Freeze.
存储溶液	Constituent: PBS
无载体	**是**
纯度	Protein G purified
纯化说明	Purified from TCS.
克隆	**单克隆**
克隆编号	TB-28

同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™承诺保证使用**ab235128**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。

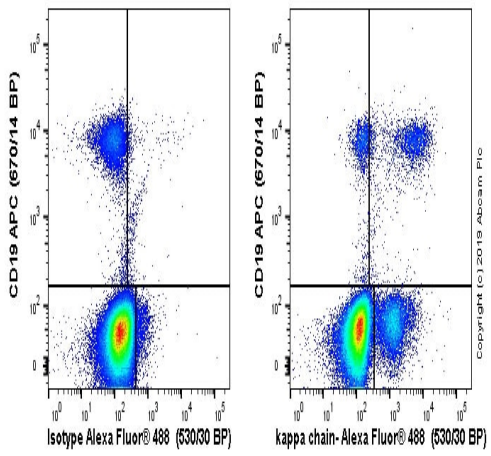
应用	Ab评论	说明
Flow Cyt		Use a concentration of 1 µg/ml.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

相关性 Immunoglobulins belong to a group of related glyco proteins which make up 20% of serum proteins. Antigens and immunoglobulins react to confer immunity to individuals. Immunoglobulins have similar structures of two identical heavy chains and two identical light chains. Both the heavy chains and the light chains are divided into constant and variable regions. The constant regions have the same amino acid sequences between all the immunoglobulin classes. The variable regions have approximately 110 amino acids with high sequence variability. The amino acid sequence of the heavy chain determines the class of an immunoglobulin.

细胞定位 Cytoplasmic

图片

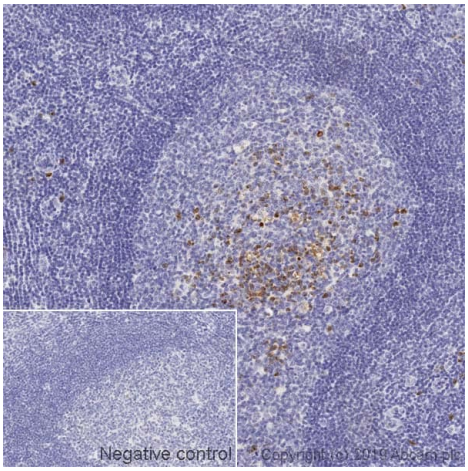


Flow Cytometry - Anti-Human Kappa Chain antibody [TB-28] - BSA and Azide free (ab235128)

Human peripheral blood mononuclear cells stained with ab235128 (right) or mouse IgG1κ (**ab170190**) isotype (left). Human peripheral blood mononuclear cells were incubated for 30 min on ice in 1x PBS containing 10 µg/ml human IgG and 10 % normal goat serum to block FC receptors and non-specific protein-protein interaction followed by the antibody (ab235128) or mouse IgG1κ (**ab170190**) ($1x10^6$ in 100 µl at 1 µg/ml) for 30 min on ice.

The secondary antibody Goat anti-mouse IgG H&L (Alexa Fluor ® 488, pre-adsorbed) (**ab150177**) was used at 1/2000 dilution for 30 min at 4°C. The cells were simultaneously stained with CD19 antibody.

Acquisition of >30,000 events were collected using a 50 mW Blue laser (488nm) and 530/30 bandpass filter. Events were gated on viable lymphocytes.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Human Kappa Chain antibody [TB-28] - BSA and Azide free (ab235128)

IHC image of human Kappa chain staining in a section of formalin-fixed paraffin-embedded normal human tonsil* performed on a Leica BOND<™> system using the standard Protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab235128, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset secondary-only control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre.

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