

Anti-Neutrophil antibody [NIMP-R14] ab2557

★★★★★ [25 Abreviews](#) [231 References](#) [1 图像](#)

概述

产品名称	Anti-Neutrophil抗体[NIMP-R14]
描述	大鼠单克隆抗体[NIMP-R14] to Neutrophil
宿主	Rat
经测试应用	适用于: IHC-Fr
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse Neutrophil. Purified BALB/c mouse neutrophils
表位	The monoclonal antibody NIMP-R14 is highly specific for murine Ly-6G and Ly-6C.
常规说明	<p>The Ly-6G/-6C locus encodes a family of Ly-6 proteins including Ly-6G and Ly-6C. Ly-6 antigens have a molecular weight between 15,000 and 18,000. Ly-6G is together with Ly-6C a component of the myeloid differentiation antigen Gr-1. Ly-6G is a GPI-anchored protein and is a good marker of peripheral neutrophils. Although predominantly presents on neutrophils, it is also expressed on a subset of eosinophils, differentiating premonocytes and plasmacytoid dendritic cells. Ly-6C is a monocyte/macrophage and endothelial cell differentiation antigen regulated by interferon gamma, and may play a role in the development and maturation of lymphocytes. It is expressed on bone marrow cells, monocytes/macrophages, neutrophils, endothelial cells, and T cell subsets. Expression of Gr-1 in bone marrow correlates with granulocyte differentiation and maturation. However, the physiological role of Ly-6G alone remains still unclear. The monoclonal antibody NIMP-R14 has been successfully used to stain polymorphonuclear (PMN) cells and monocytes for fluorescent activated cell sorting and in frozen and paraffin sections. Treatment with antibodies in vivo leads to neutropenia and has inhibitory effect on local immune responses. Furthermore, it has been shown to be useful for depletion of neutrophils in mice. It depletes neutrophils as soon as 6 hours after injection and up to 6 days.</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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium azide Constituent: 0.1% BSA
纯度	Protein G purified
Primary antibody说明	The Ly-6G/-6C locus encodes a family of Ly-6 proteins including Ly-6G and Ly-6C. Ly-6 antigens have a molecular weight between 15,000 and 18,000. Ly6G is together with Ly6c a component of the myeloid differentiation antigen Gr-1. Ly6G a GPI-anchored protein and is a good marker of peripheral neutrophils. Although predominantly presents on neutrophils, it is also expressed on a subset of eosinophils, differentiating premonocytes and plasmacytoid dendritic cells. Ly6C is a monocyte/macrophage and endothelial cell differentiation antigen regulated by interferon gamma, and may play a role in the development and maturation of lymphocytes. It is expressed on bone marrow cells, monocytes/macrophages, neutrophils, endothelial cells, and T cell subsets. Expression of Gr-1 in bone marrow correlates with granulocyte differentiation and maturation. However, the physiological role of Ly6G alone remains still unclear. The monoclonal antibody NIMP-R14 has been successfully used to stain polymorphonuclear (PMN) cells and monocytes for fluorescent activated cell sorting and in frozen and paraffin sections. Treatment with antibodies in vivo leads to neutropenia and has inhibitory effect on local immune responses. Furthermore, it has been shown to be useful for depletion of neutrophils in mice. It depletes neutrophils as soon as 6 hours after injection and up to 6 days.
克隆	单克隆
克隆编号	NIMP-R14
骨髓瘤	210RCY3-Ag123
同种型	IgG2b
轻链类型	unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab2557于以下的经测试应用

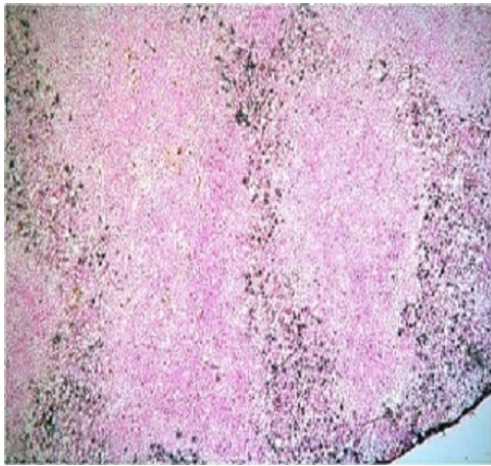
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr	★★★★★ (4)	Use at an assay dependent concentration. Tested with acetone-fixed tissue.

靶标

细胞定位 Cell membrane; Lipid-anchor, GPI-anchor

图片



Immunohistochemistry (Frozen sections) - Anti-Neutrophil antibody [NIMP-R14] (ab2557)

Frozen sections of mouse spleen. ab2557 was used in a concentration of 5 µg/ml.

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