

### Anti-Neutrophil antibody [NIMP-R14] ab2557

★★★★★ [25 Abreviews](#) [231 References](#) [画像数 1](#)

#### 製品の概要

製品名	Anti-Neutrophil antibody [NIMP-R14]
製品の詳細	Rat monoclonal [NIMP-R14] to Neutrophil
由来種	Rat
アプリケーション	<b>適用あり:</b> IHC-Fr
種交差性	<b>交差種:</b> Mouse
免疫原	Tissue, cells or virus corresponding to Mouse Neutrophil. Purified BALB/c mouse neutrophils
エピトープ	The monoclonal antibody NIMP-R14 is highly specific for murine Ly-6G and Ly-6C.
特記事項	<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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide Constituent: 0.1% BSA
精製度	Protein G purified
一次抗体 備考	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.
ポリ/モノ	モノクローナル
クローン名	NIMP-R14
ミエローマ	210RCY3-Ag123
アイソタイプ	IgG2b
軽鎖の種類	unknown

## アプリケーション

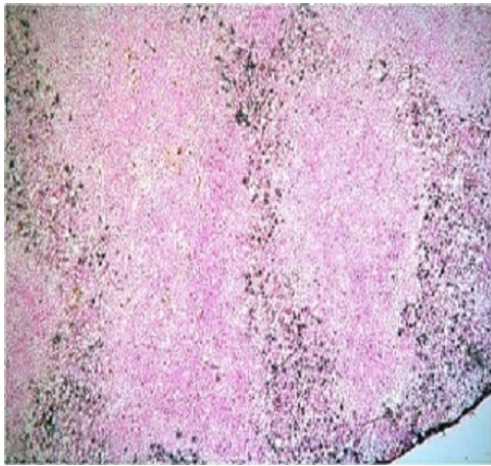
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab2557の使用に適用されます  
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アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★★ (4)	Use at an assay dependent concentration. Tested with acetone-fixed tissue.

## ターゲット情報

細胞内局在 Cell membrane; Lipid-anchor, GPI-anchor

## 画像



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

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

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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