

Product datasheet

Biotin Anti-Ly6g antibody [RB6-8C5] ab25680

[13 References](#) [1 Image](#)

Overview

Product name	Biotin Anti-Ly6g antibody [RB6-8C5]
Description	Biotin Rat monoclonal [RB6-8C5] to Ly6g
Host species	Rat
Conjugation	Biotin
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Ly6g. Mouse granulocytes
Positive control	Flow cyt: C57Bl/6 bone marrow cell.
General notes	<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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze. Store undiluted.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.14% Monobasic dihydrogen sodium phosphate, 0.87% Sodium chloride, 0.1% Gelatin
Purity	Affinity purified
Purification notes	Purified from TCS
Clonality	Monoclonal
Clone number	RB6-8C5
Isotype	IgG2b
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab25680 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

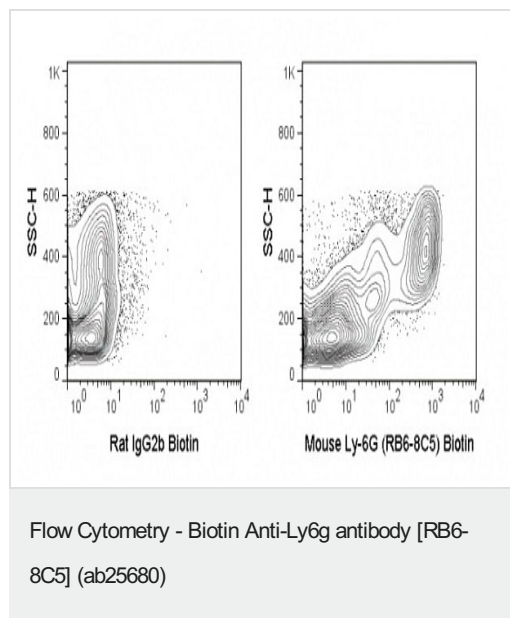
Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. ab18542 - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

Target

Relevance Ly6G is a GPI-anchored protein, that is also known as the myeloid differentiation antigen Gr1. The antigen is transiently expressed on monocytes in the bone marrow. The level of antigen expression in the bone marrow directly correlates with granulocyte differentiation and maturation. Ly6G is expressed predominantly on neutrophils, also in a subset of eosinophils, differentiating pre-monocytes, and plasmacytoid dendritic cells.

Cellular localization Attached to the membrane by a GPI-anchor.

Images



Flow Cytometry analysis of C57Bl/6 bone marrow cells labeling Ly6g with ab25680 at 0.06µg (right panel) or Rat IgG2b (Biotin) isotype control (left panel) followed by Streptavidin FITC.

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