

## Product datasheet

# Anti-Ly6g antibody [1A8] - Low endotoxin, Azide free ab210204

### 10 References

#### Overview

---

<b>Product name</b>	Anti-Ly6g antibody [1A8] - Low endotoxin, Azide free
<b>Description</b>	Rat monoclonal [1A8] to Ly6g - Low endotoxin, Azide free
<b>Host species</b>	Rat
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, IHC-P, IP, Flow Cyt, Functional Studies
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>General notes</b>	<p>Endotoxin Level: Less than or equal to 0.01 EU/μg, as determined by the LaL assay.</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>

#### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Constituents: 0.87% Sodium chloride, 0.12% Monobasic dihydrogen sodium phosphate
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	ab210204 was purified from tissue culture supernatant via affinity chromatography.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1A8
<b>Isotype</b>	IgG2a

Light chain type

kappa

## Applications

---

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab210204 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
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.

## 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.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors