# Ly6g Polyclonal Antibody

**catalog number:** **E-AB-70094**

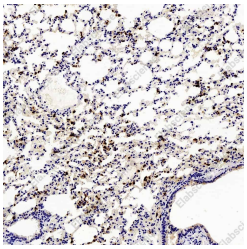
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

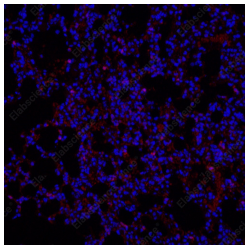
| | |
|---|---|
| **Reactivity** | Mouse |
| **Immunogen** | Recombinant protein corresponding to Mouse Ly6 g |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **IHC** | 1:300-1:1000 |
| **IF** | 1:200-1:500 |

## Data



Immunohistochemistry analysis of paraffin-embedded mouse Inflammatory lung using Ly6g Polyclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of paraffin-embedded mouse Inflammatory lung using Ly6g Polyclonal Antibody at dilution of 1:200.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

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.


Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com