

InVivo Anti-Mouse Ly6g/Ly-6G.1 Antibody (1A8)

CatalogNo: YV0024

Key Features

Host Species

- Rat

Reactivity

- Mouse

Applications

- In vivo

Isotype

- IgG2a, kappa

Storage

Storage*

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

Formulation

0.01M PBS, pH 7.4.

Recommended Dilution Ratios

Basic Information

Purity

Endotoxin level <1 EU/mg. Purity>95% as determined by SDS-PAGE.

Clonality

Monoclonal

Immunogen Information

Target Information

Gene name

Ly6g

Protein Name

Lymphocyte antigen 6G;Ly-6G;Ly-6G.1;

Mouse

[546644](#);

[P35461](#);

**Cellular
Localization**

Membrane

Tissue specificity Expressed in bone marrow.

Function

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.

| Validation Data

| Contact information

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**InVivo Anti-Mouse
Ly6g/Ly-6G.1
Antibody (1A8)**

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