

For Research Use Only

APC Anti-Mouse Ly-6G (1A8)

Catalog Number: APC-65078



Basic Information

Catalog Number:

APC-65078

Concentration:

100ug, 0.2 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

X70920

GeneID (NCBI):

546644

UNIPROT ID:

P35461

Full Name:

lymphocyte antigen 6 complex, locus G

Purification Method:

Affinity purification

CloneNo.:

1A8

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

Ly-6G (lymphocyte antigen 6 complex, locus G), also known as Gr-1, is a 21-25 kDa, glycosylphosphatidylinositol-anchored protein expressed on myeloid lineage cells in mouse bone marrow (PMID: 8360469). The expression of Ly-6G increases on neutrophils as they differentiate from immature cells in the bone marrow to mature cells in the blood and spleen (PMID: 8890901). Antibodies targeting Ly6G (RB6-8C5 or 1A8) are commonly used in studies aimed at identifying the role of neutrophils (PMID: 23543767). The 1A8 mAb is specific for Ly-6G (PMID: 8360469).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

For technical support and original validation data for this product please contact:

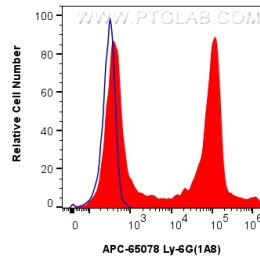
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Selected Validation Data



1×10^6 mouse bone marrow cells were surface stained with 0.5 μ g APC Anti-Mouse Ly-6G (1A8) (APC-65078, Clone:1A8) (red), or 0.5 μ g APC Rat IgG2a Isotype Control (2A3) (APC-65209, Clone: 2A3) (blue). Cells were not fixed.