

Nur für Forschungszwecke

# Ly-6G Monoklonaler Antikörper

Katalog-Nr.: APC-65078



## Allgemeine Informationen

<b>Katalog-Nr.:</b> APC-65078	<b>GenBank-Zugangsnummer:</b> X70920	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.2 mg/ml	<b>GeneID (NCBI):</b> 546644	<b>CloneNo.:</b> 1A8
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> lymphocyte antigen 6 complex, locus G	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 650 nm / 660 nm
<b>Isotyp:</b> IgG2a, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Maus

## Hintergrundinformationen

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).

## Lagerung

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

**Lagerungspuffer:**  
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

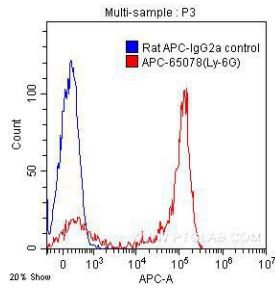
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## Ausgewählte Validierungsdaten



$1 \times 10^6$  C57BL/6 mouse bone marrow cells were surface stained with 0.20  $\mu$ g APC-Anti-Mouse Ly-6G (APC-65078, clone 1A8) (red) or 0.20  $\mu$ g APC-rat IgG2a isotype control (blue). Cells were not fixed.