

For Research Use Only

Ly-6G Polyclonal antibody

Catalog Number: 32346-1-AP



Basic Information

Catalog Number:

32346-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001310438.1

GeneID (NCBI):

546644

UNIPROT ID:

P35461

Full Name:

lymphocyte antigen 6 complex, locus G

Calculated MW:

14 kDa

Observed MW:

20-30 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, FC, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse bone marrow,

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).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

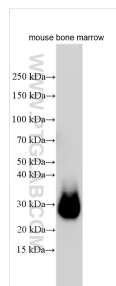
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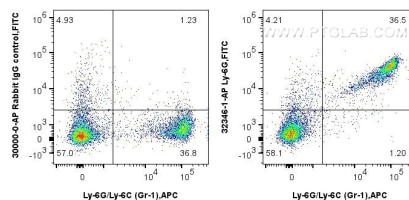
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32346-1-AP (Ly-6G antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Mouse Ly-6g Polyclonal Antibody (32346-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue), or 0.25 ug APC Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5) (APC-65140, Clone: RB6-8C5). Cells were not fixed.