

For Research Use Only

Atlantic Blue™ Anti-Mouse Ly-6G/Ly-6C (Gr-1) (RB6-8C5)



Catalog Number: AB-65140

Basic Information

Catalog Number:	AB-65140	GenBank Accession Number:	X70920	Purification Method:	Affinity purification
Size:	100ug, 0.5 mg/ml	GeneID (NCBI):	546644	CloneNo.:	RB6-8C5
Source:	Rat	UNIPROT ID:	P35461	Excitation/Emission maxima wavelengths:	404 nm / 458 nm
Isotype:	IgG2b, kappa	Full Name:	lymphocyte antigen 6 complex, locus G		

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 RB6-8C5 mAb has been reported to cross-react with Ly-6C on cells expressing Ly-6C (PMID: 8360469).

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide.

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

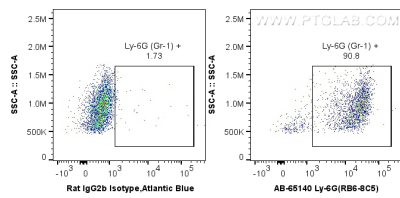
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Selected Validation Data



1X10⁶ mouse bone marrow cells were surface stained with 0.5 ug Atlantic Blue™ Anti-Mouse Ly-6G/Ly-6C (Gr-1) (AB-65140, Clone: RB6-8C5), or 0.5 ug Control Antibody. Cells were not fixed.