For Research Use Only

## Anti-Mouse Ly-6G (1A8) Catalog Number:65078-1-lg 7 Publications

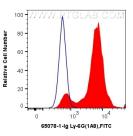


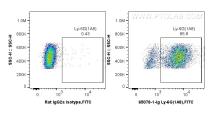
Basic Information	Catalog Number: 65078-1-1g	GenBank Ad X70920	GenBank Accession Number:Purification MeX70920Affinity purification Me			
	Size: 100ug , 500 µg/ml	GenelD (NC 546644	BI):	CloneNo.: 1A8		
	Source: Rat		Full Name: Recommended Dilutions:   lymphocyte antigen 6 complex, locus FC: 0.5 ug per 10^6 cells in 100 µl G			
	Isotype: IgG2a, kappa			55595		
Applications	Tested Applications:		Positive Controls:			
	FC FC : mouse bone marrow cells, Cited Applications: IHC, IF					
	Species Specificity: mouse					
	Cited Species: mouse					
	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 aime at identifying the role of neutrophils (PMID: 23543767). The 1A8 mAb is specific for Ly-6G (PMID: 8360469).					
Background Information	anchored protein expressed 6G increases on neutrophils blood and spleen (PMID: 88	l on myeloid lineage co as they differentiate f 90901). Antibodies tan	ells in mouse bone ma rom immature cells in geting Ly6G (RB6-8C5 o	rrow (PMID: 836046 the bone marrow to or 1A8) are common	59). The expression of L o mature cells in the nly used in studies aim	
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Background Information Notable Publications	anchored protein expressed 6G increases on neutrophils blood and spleen (PMID: 88 at identifying the role of ne Author Rong Shen	l on myeloid lineage co as they differentiate f 90901). Antibodies tar utrophils (PMID: 23543 Pubmed ID 39887584	ells in mouse bone ma from immature cells in geting Ly6G (RB6-8C5 6 5767). The 1A8 mAb is Journal Adv Sci (Weinh)	rrow (PMID: 836046 the bone marrow to or 1A8) are commor specific for Ly-6G (F	59). The expression of L o mature cells in the aly used in studies aim PMID: 8360469). Application IF	

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free<br/>in USA), or 1(312) 455-8498 (outside USA)E: proteintech@ptglab.comW: ptglab.comW: ptglab.com

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## Selected Validation Data





1X10<sup>^</sup>6 mouse bone marrow cells were surface stained with 0.5 ug Anti-Mouse Ly-6G (65078-1-lg, Clone:1A8) and FITC anti-Rat IgG2a Antibody at dilution 1:100, or 0.5 ug Control Antibody. Cells were not fixed.

1X10<sup>^</sup>6 mouse bone marrow cells were surface stained with 0.5 ug Anti-Mouse Ly-6G (65078-1-lg, Clone:1A8) and FITC anti-Rat IgG2a Antibody at dilution 1:100 (red), or 0.5 ug Control Antibody. Cells were not fixed.