

## 43-1098: Monoclonal Antibody to Mouse Ly-6G NALE™ Purified (Clone: 1A8)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	1A8
<b>Application :</b>	FACS
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Ly6g
<b>Uniprot ID :</b>	P35461
<b>Alternative Name :</b>	Ly-6G.1, Lymphocyte antigen 6G
<b>Isotype :</b>	Rat IgG2a, kappa

### Description

The 1A8 monoclonal antibody specifically reacts with the 21-25 kDa glycoprophosphatidylinositol-anchored protein known as Ly-6G, expressed by the granulocytes from the bone marrow and periphery neutrophils. Ly-6G and Ly-6C form the Granulocyte Receptor-1 antigen (GR-1). The binding of the 1A8 antibody to the Ly-6G can be blocked by another antibody, RB6-8C5, which also recognizes Ly-6C. While 1A8 is specific for only Ly-6G, RB6-8C5 also binds to Ly-6C.

### Product Info

<b>Amount :</b>	100 µg
<b>Content :</b>	2.0 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.